



Uživatelský manuál

AR09



AZDOME

Enjoy Your Smart Driving



Před prvním použitím si, prosím, pečlivě přečtěte uvedený manuál. Manuál si ponechte pro pozdější referenci.

Uvedené obrázky a ilustrace se mohou lišit podle modelu zařízení.

ZÁRUKA A ZÁKAZNICKÁ PODPORA

V případě dotazů, podpory nebo reklamace nás kontaktujte na adrese info@azdome.hk. Pokud můžete poskytnout fotografie nebo video, které ukáže váš problém, budeme vám vděční.

UPOZORNĚNÍ

Před použitím si přečtěte varování a bezpečnostní pokyny.

1. Ujistěte se, že je kamera vždy připojena k napájení, protože interní baterie kamery NENÍ určena na více než 3-5 min v závislosti na zvoleném rozlišení videa.

2. Před zahájením nahrávání je nutné vložit paměťovou kartu. Vkládejte pouze značkovou kartu Micro-SD třídy 10 nebo vyšší rychlosti.

3. Před prvním použitím MUSÍTE paměťovou kartu v kameře naformátovat, abyste předešli případným chybám a zajistili bezproblémový provoz.

4. Nastavení data a času: Nastavte správné datum a čas, viz strana 14.

Specifikace

Model	AR09
Mikrofon/Reproduktor	Zabudovaný
Formát fotografie	JPG
Formát videa	MP4
Rozlišení videa	Přední: 1440 Px, 1080 Px; Zadní: 1080 Px
Paměťová karta	Micro-SD, třída 10 nebo vyšší
Napájení	5V/3A
Pracovní vlhkost	10 – 70 %
Baterie	500 mAh, lithiová
Wi-Fi	Ano, AZDOME aplikace
GPS	Podporuje, nutný GPS modul
Nahrávání ve smyčce	Podporuje
Detekce pohybu	Ne
Parkovací monitor	Podporuje, nutné instalovat kit

Obsah balení



přední kamera



zadní kamera držákem
a kabelem 6m



lepící držáky kabelů



montážní páčidlo



antireflexní fólie



návod



hadřík



Čistící sada



napájecí kabel 340 cm



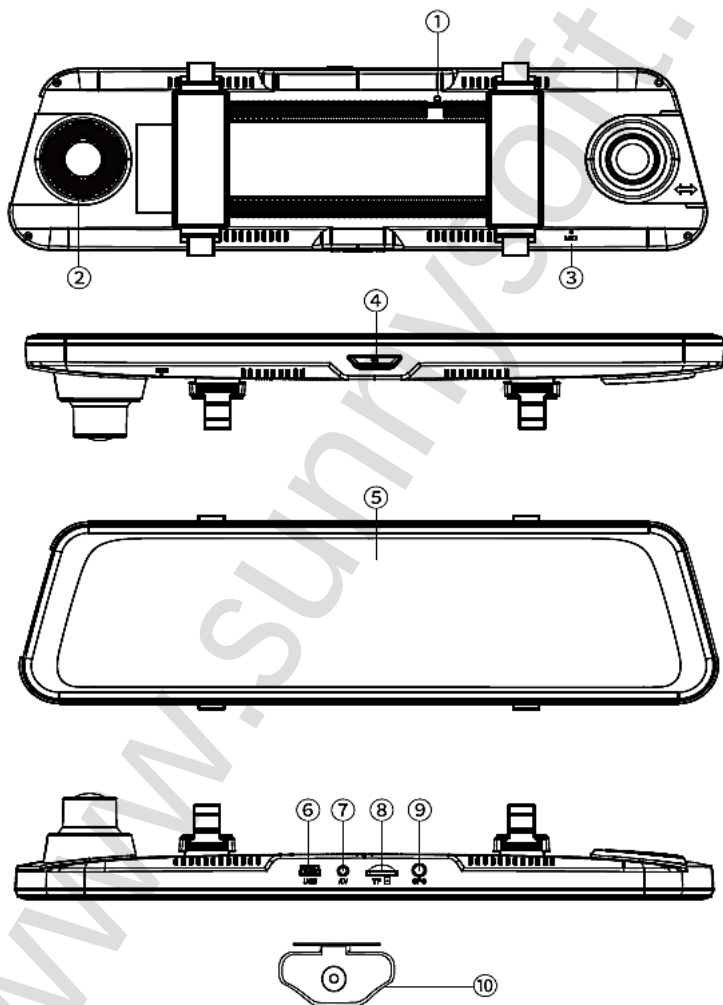
2 sady gum na uchycení

Poznámka: V zájmu zlepšení výkonu výrobku se obsah této příručky může změnit bez předchozího upozornění.

Schéma výrobku

1	Reset	Vložte pin do otvoru 'RESET' pro restart, když zařízení nereaguje
2	Reproduktor	Vestavěný reproduktor
3	Mikrofon	Nahrává zvuk
4	Tlačítko napájení	-Jedním stisknutím zapnete zařízení -Stisknutím a podržením 3 s zařízení vypnete -Krátkým stisknutím vypnete/zapnete obrazovku při nahrávání
5	Obrazovka	Dotyková obrazovka
6	MiniUSB port	Připojení ke kabelu MINI USB a nabíjení baterie
7	AV-in	Připojení k zadní kameře

8	Micro-SD slot	Podpora Micro SD, třídy 10 nebo vyšší, vysoká rychlost U3
9	GPS	Kontrola trasy při přehrávání videí prostřednictvím přehrávače AZDOME Player
10	Zadní kamera	Nahrává zadní stranu



Instalace

Instalace karty Micro SD

1. Ujistěte se, že je autokamera vypnutá.
2. Vložte kartu Micro-SD do poloviny (ZLATÉ kontakty - směrem k zadní straně/objektivu).
3. Nyní kartu jemně zatlačte dovnitř, dokud nezacvakne a nebude zacvaklá na svém místě.
4. Musí být použita pouze značková karta Micro-SD třídy 10, U3 nebo vyšší rychlosti.

Vyjmutí karty Micro SD

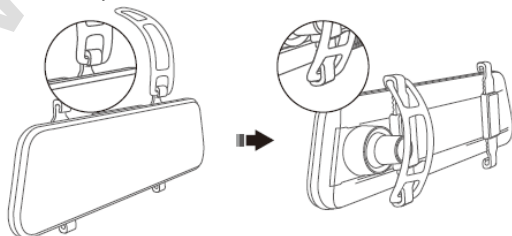
- Pro vyjmutí karty Micro SD jemně zatlačte její horní okraj dovnitř, dokud necvakne a poté vyskočí, pak ji jednoduše vytáhněte ze slotu.

DŮLEŽITÁ INFORMACE O PAMĚŤOVÉ KARTĚ

1. Nevytahujte ani nevkládějte kartu Micro SD, když je kamera zapnutá, mohlo by dojít k poškození paměťové karty.
2. Při každém vložení karty Micro SD ji v kameře naformátujte, abyste zajistili, že je karta Micro SD s kamerou kompatibilní.

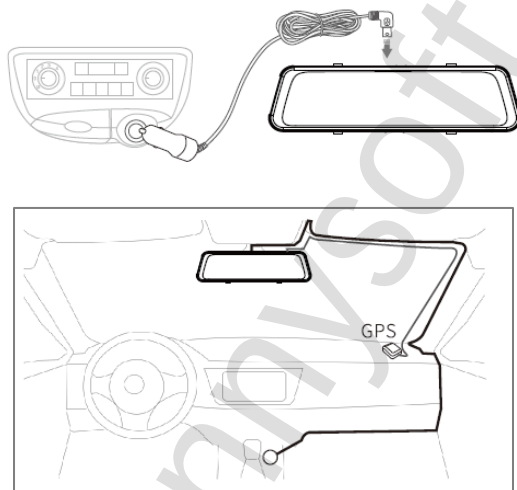
Instalace přední kamery

1. Vypněte motor vozidla. Vložte kartu Micro SD do slotu Micro SD palubní kamery.
2. Nasaďte gumové upevňovací prvky na horní upevňovací klipy (Existují 2 typy upevňovacích prvků; použijte ten, který je vhodný pro váš vůz). Umístěte zrcadlovou palubní kameru na přední stranu stávajícího zpětného zrcátka tak, aby čočka kamery překrývala okraj zpětného zrcátka. Nasaďte spodní gumové upevňovací prvky na zrcátko a připevněte je ke spodnímu upevňovacímu klipu.



3. Připojte jeden konec kabelu nabíječky do auta ke vstupnímu portu USB na horní straně kamery Mirror Dash Camera. Druhý konec kabelu nabíječky do auta zapojte do zásuvky zapalovače ve vozidle. Kabel ved'te podél konzoly vozidla.

4. Připojte modul GPS k palubní kameře, sejměte nálepkou modulu GPS a umístěte ji na palubní desku vozidla.



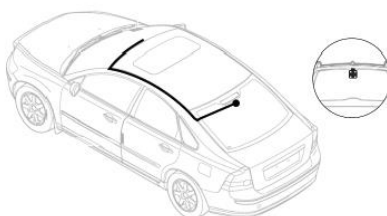
Instalace zadní kamery

Zadní kamera vybavená 6metrovým kabelem se připojuje k palubní kameře prostřednictvím portu AV-in. Před instalací zkontrolujte, zda je dodaný kabel dostatečně dlouhý, aby dosáhl k zadní kameře ve vašem autě.

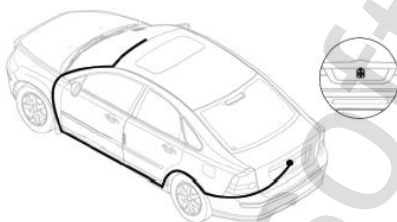
1. Existují dvě místa pro montáž zadní kamery: zadní sklo / nad registrační značkou.

Poloha 1: Nainstalujte zadní kameru na zadní sklo.

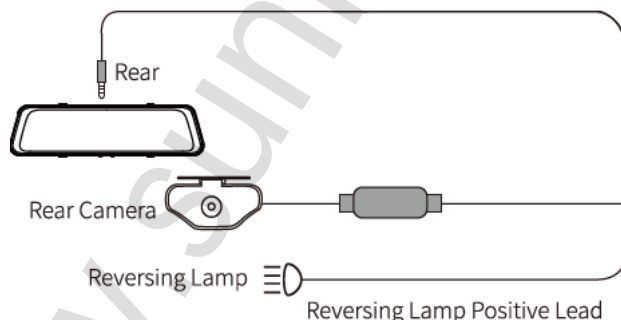
Poloha 1 je určena pouze pro živý přenos zadního pohledu, nikoli pro navádění při couvání.



Pozice 2 (doporučená): Nainstalujte zadní kameru v blízkosti registrační značky. Provedte kabel kamery do interiéru vozidla buď vyvrtáním nového otvoru, nebo použijte stávající otvor pro osvětlení registrační značky, je-li to možné. Dva přiložené šrouby a oboustranná páska udrží kameru na místě. Obraz ze zadní kamery je ostrý a jasný jak pro sledování zadní části vozu, tak pro navádění při couvání.



Chcete-li použít funkci couvání, nainstalujte zadní kameru do polohy 2 a poté připojte červený kabel prodlužovacího kabelu zadní kamery k anodě zpětného světla automobilu pomocí zkušebního světla nebo multimetru, abyste zjistili, který vodič je kladný.



Rear – zadní část

Rear Camera – zadní kamera

Reversing Lamp – zadní světlo

Reversing Lamp Positive Lead – Kladný přívod zadního světla

2. Po zapojení všech zástrček a připojení napájení, zapněte zapalování. Zařadte zpátečku, a pokud je vše správně zapojeno, v zrcátku se objeví obraz zadní kamery.

Poznámka:

1. Před instalací zadní kamery očistěte vybrané místo, abyste zajistili kvalitu lepidla.
2. Pokud zvolíte polohu 1, pravidelně čistěte zadní sklo, abyste zajistili kvalitu obrazu.
3. Pokud zvolíte polohu 2, můžete zadní kameru nainstalovat pomocí přiložené samolepky nebo šroubů.
4. Připevněte šrouby, abyste nastavili požadovaný úhel pohledu kamery.

Instalace

Zapnutí/vypnutí napájení

Možnost 1: Spuštěním motoru se kamera Mirror Dash Camera automaticky zapne; zastavením motoru se kamera automaticky vypne.

Možnost 2: Jedním stisknutím zařízení zapnete; stisknutím a podržením 3 sekundy zařízení vypnete.

Zapnutí/vypnutí obrazovky

Jednoduše jednou stiskněte tlačítko napájení, abyste vypnuli obrazovku (ale můžete stále nahrávat), když je zrcadlová autokamera zapnutá.

Dalším stisknutím nebo klepnutím na dotykovou obrazovku kameru probudíte.

FORMÁTOVÁNÍ PAMĚŤOVÉ KARTY

1. Dotykem  vstupte do nabídky Nastavení.
2. Dotkněte se položky „System“ (Systém) a poté se dotkněte položky „Format“ (Formátovat).
3. Dotkněte se tlačítka „OK“.

Poznámka:

1. Nevyjímejte ani nevkládejte kartu Micro SD, když je kamera zapnutá, mohlo by dojít k poškození paměťové karty.

2. Při každém vložení karty Micro SD ji v kameře naformátujte, abyste zajistili, že je karta Micro SD s fotoaparátem kompatibilní.

Nastavení časové zóny, data a času

1. Připojte GPS modul.
2. Nejprve nastavte hodnotu GMT.

General	Video Settings	System
Parking Monitor	GMT+8	Medium >
Video Stamp	GMT+9	1Minute >
Date/Time	GMT+10	Medium >
Timezone Setting	GMT+11	KM/H >

3. Nastavte datum a čas (rok – měsíc – den – hodina – minuta)

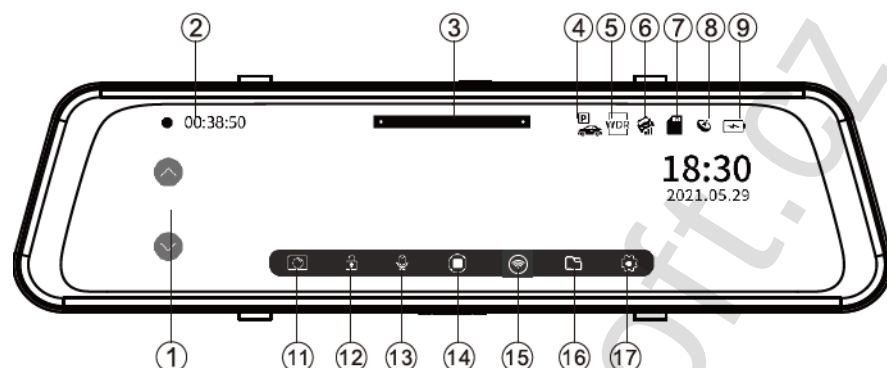
Date/Time				
2020	05	20	21	15
2021	06	21	22	16
2022	07	22	23	17

Cancel OK

Přístrojová kamera automaticky aktualizuje datum a čas na základě výběru hodnoty GMT, když přijme signál GPS.

Na adrese <https://www.timeanddate.com/time/map/> zjistíte správnou hodnotu GMT (greenwichského času) podle své polohy.

Funkce tlačítek



1	Upravit úhel zobrazení	Klepnutím na šipky nahoru/dolů upravíte úhel pohledu, nemůže fungovat při zobrazení duální kamery.
2	Časovač nahrávání	Zobrazuje uplynulý čas záznamu.
3	Ovládání jasu obrazovky	Posunutím pruhu jasu zvýšíte nebo snížíte jas obrazovky.
4	Parkovací monitor	Zobrazuje stav parkovacího režimu.
5	WDR	Zobrazuje stav WDR.
6	G-senzor	Zobrazuje stav G-senzoru.
7	Micro SD karta	Zobrazuje stav Mikro-SD karty.
8	GPS	Zobrazuje stav GPS.
9	Baterie	Zobrazuje stav baterie.
10	Datum/čas	Zobrazuje datum a čas.
11	Fotografování	Ťuknutím pořídíte fotografii a uložíte ji do paměti.
12	Nouzový zámek	Kliknutím na symbol otevřeného zámku zamknete aktuální video, aby nemohlo být vymazáno nebo přepsáno. Ťuknutím na symbol zavřeného zámku začnete znovu nahrávat.
13	Zvuk	Ťuknutím na mikrofon jej zapnete nebo vypnete.
14	Nahrávání	Ťuknutím ukončíte záznam a uložíte jej na paměťovou kartu.

15	WiFi	Ťuknutím zapnete Wi-Fi, opakovaným ťuknutím ji vypnete.
16	Přehrávání	Kliknutím vstoupíte do menu s nahranými videy a pořízenými fotografiemi.
17	Nastavení systému	Vstoupíte do systémového nastavení.

Funkce

Obecné

Parking monitor – Parkovací monitor - zapnuto/vypnuto(výchozí)

Pokud je funkce „Parking Monitor“ zapnuta a připojena k zapalovači cigaret (napájení), začne autokamera automaticky nahrávat video po dobu přibližně 60 s a při detekci kolize/nárazu jej uzamkne. Autokamera používá svou interní baterii (500 mAh) k detekci jakéhokoli nárazu nebo otřesu, takže podporuje omezenou dobu nahrávání 60s videa. Tento režim výrazně šetří energii a chrání baterii vašeho vozu.

Pokud chcete používat 24hodinový parkovací monitor, viz níže.

G-sensor – G-senzor - Vypnuto/ Vysoký/ Střední (výchozí)/ Vypnuto

G-senzor je tříosý nárazový gravitační akcelerometr, který je určen k detekci fyzikálních a gravitačních sil působících na kameru. Během nahrávání videa: V případě, že se G-senzor spustí v důsledku fyzikální nebo gravitační nárazové síly na kameru, bude aktuální délka cyklu smyčky videosouboru uzamčena, takže NEBUDE vymazána funkcí cyklu smyčky.

Video stamp – Video značka Z- Zapnuto (výchozí) / Vypnuto -

Tato nabídka značek umožňuje zvolit značky ve spodní část videa. Datum a čas, rychlost, souřadnice GPS, logo AZDOME a model.

Screen Saver – Spořič obrazovky - 1 (výchozí)/3/5 minut/vypnuto

1/3/5 minut: Obrazovka LCD autokamery se po 1/3/5 minutách vypne, ale stále nahrává.

Vypnuto: Obrazovka LCD palubní kamery bude stále zapnutá.

Timezone – Časové pásmo

Od GMT-12 do GMT+12 časového pásma.

Time/Date Setting – Nastavení času/data

Nastavení data a času.

Button Sound – Zvuk tlačítka - Vypnuto/ Nízký/ Střední (výchozí)/Vysoký

Tato funkce umožňuje zapnout/vypnout zvukový signál tlačítka fotoaparátu a případné hlasové potvrzení.

Speed Unit – Jednotka rychlosti - KM/H (výchozí)/MPH

Na základě vašeho výběru můžete zvolit požadovanou možnost rychlostního razítka, které se bude zobrazovat a zaznamenávat na videozáznamu.

Frequency – Frekvence - 50 Hz/60 Hz (výchozí)

Zde byste měli zvolit frekvenci podle specifikace napájení používané ve vaší zemi na základě vaší zeměpisné polohy.

60 Hz (USA - Severní Amerika)

50 Hz (Evropa - většina asijských zemí)

Format Remind – Formát Připomenutí - Vypnuto/15dní/ 30dní (výchozí)/60dní

Tato funkce umožňuje nastavit FORMAT REMINDER pro formátování paměťové karty. Po nastavení vám fotoaparát připomene formátování paměťové karty v nastaveném intervalu.

Parking Guide Line – Parkovací vodící čára Zapnuto (výchozí)/Vypnuto

Zapnuto: Funkce se aktivuje při zařazení zpátečky.

Obraz z kamery se zobrazí na obrazovce palubní kamery s asistenční linkou.

Vypnuto: Funkce se aktivuje při zařazení zpětného chodu.

Obraz z kamery se zobrazí na obrazovce palubní kamery, ale BEZ asistenční linky.

Rear Video Mirror – Zpětné video zrcátko - zapnuto (výchozí nastavení)/vypnuto

Zapnuto: Obraz na obrazovce palubní kamery odpovídá obrazu ve zpětném zrcátku.

Time Lapse Parking Mode – Režim časosběrného parkování - zapnuto/vypnuto (výchozí)

Tato nabídka se zobrazí POUZE při připojení k třívodičové sadě pevného vedení.

Time Lapse Parking Mode ON: Přístrojová kamera bude pořizovat fotografie rychlostí 1 snímek za 1 s a spojí je do videa, což výrazně optimalizuje využití paměťové karty.

Jak nastavit 24hodinový parkovací režim

Pokud se připojíte k třívodičové sadě pevného kabelu AZDOME, jsou k dispozici dva 24hodinové parkovací režimy, ze kterých si můžete vybrat:

1. Při zapnutí funkci „Parking Mode“ ON / „Time Lapse Parking Mode“ OFF: Přístrojová kamera bude nahrávat neomezený počet časů 60s videa a poté se vypne vždy, když zjistí kolizi/náraz.

Tento režim je ideální v případě, že:

- Zaparkovali jste v klidné oblasti nebo chcete mít zvuk za všech okolností.

1) Když vypnete motor vozidla. Pak se vypne i kamera.

2) Přístrojová kamera automaticky začne nahrávat video po dobu přibližně 60 s a uzamkne jej, když zjistí jakoukoli kolizi/náraz.

3) Při dalším nastartování vozidla se kamera zapne a automaticky přejde do normálního režimu nahrávání videa - smyčky.

2. Při vypnutém režimu „Parking Mode“ / zapnutém režimu „Time Lapse Parking Mode“: Přístrojová kamera bude pořizovat fotografie rychlostí 1 snímek za 1 s a spojí je do videa, což výrazně optimalizuje využití paměťové karty.

Tento režim je ideální v případě, že:

- Zaparkovali jste na rušném místě s velkým provozem vozidel a chodců (např. parkoviště u nákupního centra).

- Chcete mít rychlý přehled o všem, co se děje v okolí vašeho zaparkovaného vozu.

- 1) Když vypnete motor vozidla, pak kamera ZASTAVÍ nahrávání ve smyčce a automaticky přejde do režimu časosběrného parkování.

- 2) Pokud je tento režim Time Lapse Parking Mode aktivován, pokud někdo do vašeho auta narazí, pak kamera soubor videa uzamkne, poté uloží do složky LOCK na kartě Micro SD > poté přejde do režimu Time Lapse Parking Mode recording.

- 3) Při dalším nastartování vozidla kamera automaticky zastaví režim Time Lapse Parking Mode. Poté automaticky přejde do normálního režimu videa - Loop Recording Mode.

Poznámka::

- Video soubory v režimu Time Lapse Mode se přehrávají vyšší rychlostí a při přehrávání se nepoužívá žádný zvuk.

- Jsou-li současně zapnuty funkce „Parking Mode“ a „Time Lapse Parking Mode“, bude mít přednost Time Lapse Parking Mode.

Nastavení videa

Video Resolution - Rozlišení videa - 1440 (výchozí)/1080P30

Umožňuje zvolit požadované rozlišení videa. Video s vyšším rozlišením a vyššími snímky/s mají za následek plynulejší videa, ale také zabírají více místa v úložišti.

Loop Recording – Nahrávání ve smyčce - 1min/3min (výchozí)/5min

Umožňuje nepřetržité nahrávání autokamery. Upozornění: Autokamera bude po zaplnění paměťové karty automaticky mazat nejstarší soubory, aby mohla nahrávat stále dokola. Zde vyberte délku videosouboru pro nahrávání ve smyčce.

WDR - On (výchozí)/Off (vypnuto)

Široký dynamický rozsah (WDR) zlepšuje expozici tím, že kombinace přeexponovaného a podexponovaného snímku spojí do jednoho robustního širokého rozsahu osvětlení s vyšší hloubkou obrazu.

Time-lapse Record – Časosběrný záznam - zapnuto/vypnuto(výchozí)

Režim časosběrného záznamu umožňuje pořizovat konkrétní snímky za sekundu s mnohem nižší frekvencí. Když tedy tyto snímky zkombinujete a přehrajete při běžné frekvenci 30 snímků za sekundu, zdá se, že se v časosběrném záznamu vše pohybuje rychleji.

Systém

Language – Jazyk - vícejazyčný, výchozí angličtina.

Umožňuje zvolit požadovaný jazyk pro systém palubní kamery.

GPS Info – Informace o GPS

Zobrazuje čísla satelitů, datum/čas, zeměpisnou délku, šířku, rychlost, směr.

WiFi

Ve výchozím nastavení je WiFi vypnuta. Pokud WiFi zapnete, může se připojit k aplikaci AZDOME, která se stáhne na aplikace a kamera poté funguje v aplikaci AZDOME.

Fomrat – Formát

Tato funkce umožní formátovat vloženou paměťovou kartu, všechna data budou smazána.

Doporučujeme formátovat paměťovou kartu každé 3 měsíce, aby byla čistá pro bezproblémový provoz.

Upozorňujeme, že paměťové karty mají svou vlastní životnost, po mnoha použitích, kdy se na ně stále dokola zapisují data, se nakonec stanou nefunkčními. Když se tak stane, vyměňte paměťovou kartu.

Reset Settings – Obnovení nastavení

Zde můžete obnovit všechna nastavení na výchozí nastavení z výroby.

Version – Verze

Zde můžete zkontrolovat aktuální verzi firmwaru nainstalovaného ve fotoaparátu. Tyto informace budete v budoucnu potřebovat pro kontrolu, zda je k dispozici novější verze firmwaru.

Nejnovější pokyny pro aktualizaci firmwaru naleznete na adrese: <http://www.azdome.hk/downloads.html>.

Přehrávání pořízených videí

Existují dvě možnosti, jak přehrát pořízené video.

1. Na autokameře

Klikněte na symbol složky , abyste vstoupil do Playback Menu



Zobrazí se 6 složek.

Front emergency video - Přední nouzové video: nouzová videa zaznamenaná přední kamerou, která však nelze přepsat.

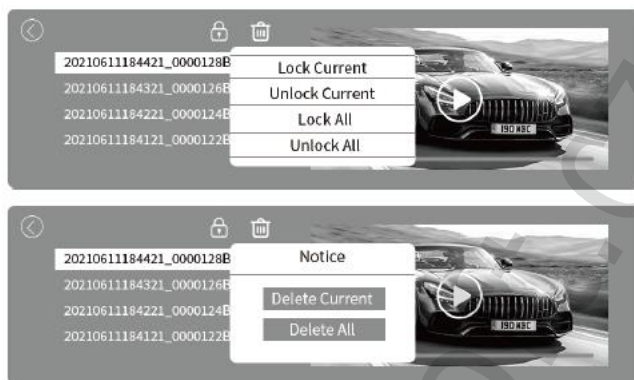
Rear emergency video - Zadní nouzové video: nouzová videa zaznamenaná zadní kamerou, která však nelze přepsat.

Front normal video - Přední normální video: videa nahraná přední kamerou.

Rear normal video - Zadní normální video: videa nahraná zadní kamerou.

Front photo - Přední fotografie: fotografie pořízené přední kamerou.

Rear photo - Zadní fotografie: fotografie pořízené zadní kamerou.



Tipy:

1. Klepnutím na ⏮ se vrátíte do předchozího rozhraní
2. Klepnutím na ▶/⏸ přehrajete/pozastavíte video soubor.
3. Klepnutím na 🔒 ručně uzamknete/odemknete aktuální video, které se nahrává, abyste se ujistili, že bude nebo NEBUDE přepsáno nebo smazáno.
4. Klepnutím na 🗑 odstraníte vybraný soubor nebo VŠECHNY souborů.

Poznámka:

Složka s fotkami nelze uzamknout.

2. Na počítači

1. Vyjměte kartu Micro SD z kamery a vložte ji přímo do notebooku, pokud máte slot pro kartu Micro SD (v opačném případě použijte čtečku karet Micro SD).

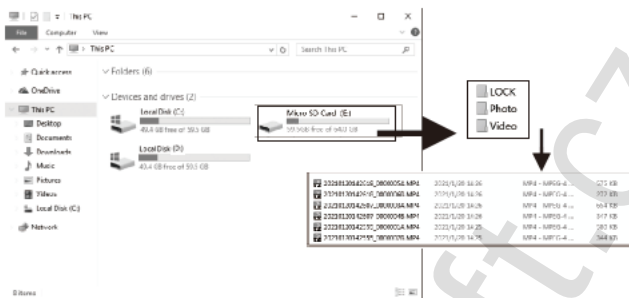
2. Měli byste vidět jednotku „D“ nebo „E“ nebo jiný název v závislosti na předinstalovaných pevných discích. Jakmile najdete přidanou jednotku flash, dvakrát na ni klikněte, poté se zobrazí složky se soubory - Movie/LOCK/Photo

Movie: Soubory se záznamem videa ve smyčce, které lze přepsat.

LOCK: Soubor videa, který je uzamčen, takže jej funkce nahrávání ve smyčce NEMŮŽE smazat.

Photo: Slouží k nahrávání fotografií.

3. Poté je jednoduše dvojitým kliknutím na video přehrajete.

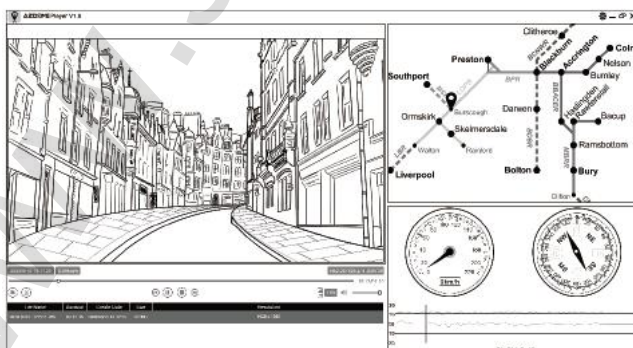


Názvy souborů zakončené písmenem A byly pořízeny přední kamerou.
Názvy souborů zakončené písmenem B byly pořízeny zadní kamerou.

Instalace softwaru pro přehrávání GPS dat (pouze PC/MAC)

1. Přejděte na naše webové stránky www.azdome.hk/downloads a stáhněte si přehrávač AZDOME Player (pro Windows 32bits/64bits nebo macOS).
2. Nainstalujte přehrávač AZDOME Player do svého notebooku, fotografie viz níže.
3. Přehrajte video soubory pomocí přehrávače AZDOME Player, na mapě Google uvidíte trasu auta.

Technická podpora AZDOME: service@azdome.hk



Otázky a odpovědi

Otázka 1: Proč je obraz ze zadní kamery na obrazovce převrácený?

Podle svého zvyku použijte funkci nazvanou „Backup Cam Mirror Image“.

Otázka 2: Špatná kvalita obrazu zadní kamery

Nejpravděpodobnější příčinou je jednoduše znečištěný objektiv. Vzhledem k tomu, že mnoho kamer je namontováno nízko na zadní části vozu, podléhá umazání blátem, sněhem, špinou nebo jinými nečistotami. Náprava je naštěstí snadná: očistěte objektiv měkkým hadříkem (aby nedošlo k poškrábání objektivu).

Pokud to stále nefunguje, pošlete e-mail na adresu service@azdome.hk.

Otázka 3: Přístrojová kamera je horká

Ano! Přístrojová kamera tohoto kalibru je docela špičkové zařízení. Když se nad tím zamyslíte z technického hlediska, zachycení vysoce kvalitního videa v rozlišení Full HD vyžaduje velké množství výpočetního výkonu počítače. Teplo je vedlejším produktem veškerého zpracování dat, které probíhá.

Ale nemusíte se bát. Samotné pouzdro kamery Dash se ve skutečnosti používá jako chladič (všimněte si pěkných větracích otvorů), takže proto si můžete všimnout, že je teplá nebo horká na dotek. Nebojte se, je to normální a vaše zařízení AZDOME funguje, jak má.

Otázka 4: Přehrávání videa na počítači se zpochybňuje.

Zobrazujete verzi video souborů s vysokou bitovou rychlostí. Obecná konfigurace počítače může mít problém s rychlejším zpracováním dat. Nahrajte prosím videa v nižším rozlišení a zkuste to znovu. Pokud problém přetrvává, kontaktujte nás.

Otázka 5: Proč autokamera nemůže zachytit signál GPS?

1. V závislosti na vozidle a poloze může být signál GPS blokován v důsledku silného rádiového rušení jiných elektronických zařízení ve vozidle,

zamračeného/deštivého počasí nebo hor, tunelů, vysokých budov po obou stranách silnice atd.

2. Zkontrolujte, zda GPS funguje, vyjmutím modulu GPS z vozu ven. Pokud funguje, pak musí být v autě silné rušení, například silná autovybuchová membrána, kovový předmět apod.

PROHLÁŠENÍ

Přístrojová kamera AZDOME Streaming Mirror Dash Camera je určena k použití jako asistent řidiče, NESNÍMÁ z řidiče odpovědnost za řízení vozidla. Právní odpovědnost a zásady bezpečné jízdy zůstávají vždy na řidiči.

Souhlasíte s používáním tohoto výrobku a chápete, že má být používán pouze jako pomůcka. Důrazně doporučujeme, abyste si tento výrobek nechali odborně nainstalovat, abyste měli jistotu, že bude plnit funkci, kterou má plnit. V případě, že si nákup tohoto výrobku rozmyslíte nebo jej vrátíte, společnost NENÍ v žádném případě odpovědná za díry nebo instalační úpravy provedené na vašem vozidle.

UPOZORNĚNÍ

- Za žádných okolností nevystavujte tento výrobek dešti, vlhkosti nebo vodě, jinak dojde k jeho vnějšímu nebo vnitřnímu poškození.

- Neumísťujte přístroj do vlhkého prostředí. Toto zařízení není navrženo tak, aby bylo odolné proti vlhkosti.

- Nepokoušejte se otevírat kryt ani se jej nepokoušejte sami opravovat. Pokud se u příslušenství tohoto zařízení vyskytne jakýkoli problém, obraťte se na prodejce a požádejte o pomoc.

- Nevystavujte toto zařízení nadměrnému teplu, prachu a nepoužívejte k jeho čištění žádné chemické látky ani čisticí rozpouštědla.

- Nepoužívejte ani neinstalujte kameru za jízdy, ani se nepokoušejte měnit jakékoli nastavení apod. Nejprve sjedte ze silnice a provádějte to, až když je to bezpečné.

- Tento výrobek neupustte, nepropíchněte, nerozebírejte a nelikvidujte ho v ohni. Obsahuje baterii a při nesprávné manipulaci může explodovat.

- Nepoužívejte nabíječku, pokud je kabel zlomený nebo poškozený. Uchovávejte mimo dosah dětí.

- Nenechávejte kameru delší dobu na přímém slunečním světle nebo na místech, kde by teplota mohla překročit 60 °C (140 °F).

- Pokud kameru nepoužíváte, doporučujeme ji vyjmout z vozidla. Zabráníte tak pravděpodobnosti krádeže nebo vystavení nadměrnému teplu, aby nedošlo k poškození jednotky.

Distributor

Sunnysoft s.r.o.
Kovanecká 2390/1a
190 00 Praha 9
Česká republika
www.sunnysoft.cz

Uživatelský manuál
AR09
Handbuch



AZDOME

Enjoy Your Smart Driving

Bitte lesen Sie dieses Handbuch vor dem ersten Gebrauch sorgfältig durch.

Bewahren Sie das Handbuch zum späteren Nachschlagen auf.

Die angezeigten Bilder und Abbildungen können je nach Gerätemodell variieren.

GARANTIE UND KUNDENDIENST

Für Anfragen, Support oder Beschwerden kontaktieren Sie uns bitte unter info@azdome.hk. Wenn Sie Fotos oder Videos zur Verfügung stellen können, die Ihr Problem zeigen, wären wir dankbar.

BEACHTEN

Lesen Sie vor dem Gebrauch die Warnungen und Sicherheitshinweise.

1. Stellen Sie sicher, dass die Kamera immer an die Stromversorgung angeschlossen ist, da der interne Akku der Kamera, je nach gewählter Videoauflösung, NICHT für eine Lebensdauer von mehr als 3–5 Minuten ausgelegt ist.

2. Sie müssen vor Beginn der Aufnahme eine Speicherkarte einlegen.

Setzen Sie nur Marken-Micro-SD-Karten mit einer Geschwindigkeitsklasse von Klasse 10 oder höher ein.

3. Sie MÜSSEN die Speicherkarte vor dem ersten Gebrauch in der Kamera formatieren, um möglichen Fehlern vorzubeugen und einen störungsfreien Betrieb zu gewährleisten.

Verkehr.

4. Datums- und Uhrzeiteinstellungen: Stellen Sie das richtige Datum und die richtige Uhrzeit ein, siehe Seite 14.

Technische Daten

Modell	AR09
Mikrofon/Lautsprecher	Eingebaut
Fotoformat	JPG
Videoformat	MP4
Videoauflösung	Vorne: 1440 Px, 1080 Px; Rückseite: 1080P
Speicherkarte	Micro-SD, Klasse 10 oder höher
Stromversorgung	5 V/3 A
Arbeitsfeuchtigkeit	10 – 70 %
Batterie	500 mAh, Lithium
W-lan	Ja, AZDOME App
GPS	Unterstützt, GPS-Modul erforderlich
Loop-Aufnahme	Unterstützt
Bewegungserkennung	NEIN
Parkmonitor	Unterstützt, Kit-Installation erforderlich

Packungsinhalt



Frontkamera



Rückfahrkamera mit Halterung • selbstklebende Kabelhalter und 6m Kabel



Montage Brechseisen



Antireflexfolie



Anweisungen



Tuch



Reinigungsset



• Stromkabel 340 cm



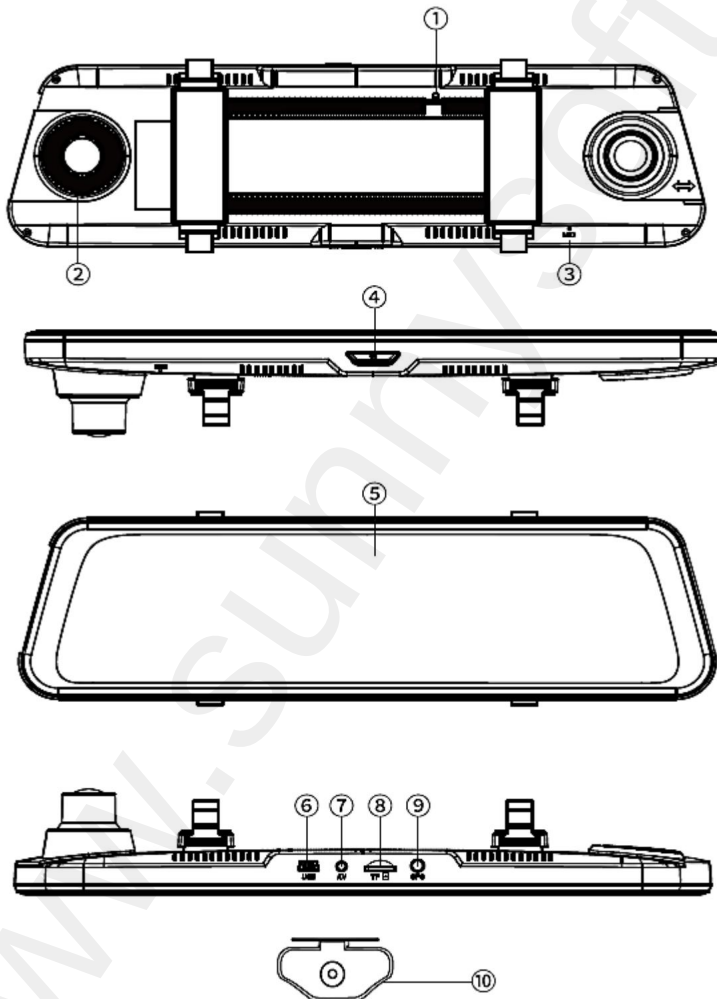
2 Sätze Gummibänder

Hinweis: Um die Produktleistung zu verbessern, kann der Inhalt dieses Handbuchs ohne vorherige Ankündigung geändert werden.

Produktdiagramm

1	Zurücksetzen	Führen Sie den Stift in das „RESET“-Loch ein, um das Gerät neu zu starten, wenn es nicht reagiert
2	Lautsprecher Eingebauter Lautsprecher	
3	Mikrofon	Ton aufnehmen
4	Netztaste	-Ein Druck zum Einschalten des Geräts - 3 Sekunden lang gedrückt halten, um das Gerät auszuschalten - Kurz drücken, um den Bildschirm während der Aufnahme aus-/ einzuschalten
5	Bildschirm	Touch-Screen
6	MiniUSB-Anschluss	Zum Anschließen eines Mini-USB-Kabels und Laden des Akkus
7	AV-Eingang	Anschließen an die Rückkamera

8	Micro SD-Steckplatz	Unterstützt Micro SD, Klasse 10 oder höher, U3 High Speed
9	GPS	Überprüfen der Route beim Abspielen von Videos über AZDOME Player
10	Rückfahrkamera	Nimmt die Rückansicht auf



Installation

Installieren einer Micro-SD-Karte

1. Stellen Sie sicher, dass die Dashcam ausgeschaltet ist.
2. Micro-SD-Karte zur Hälfte einschieben (GOLD-Kontakte - nach hinten)

Seite/Objektiv).

3. Drücken Sie die Karte nun vorsichtig hinein, bis sie hörbar einrastet.

4. Es darf ausschließlich eine Marken-Micro-SD-Karte mit einer Geschwindigkeit von Class 10, U3 oder höher verwendet werden.

Entnahme der Micro SD-Karte

- Um die Micro SD-Karte zu entfernen, drücken Sie die Oberkante leicht nach innen.

bis es einrastet und herauspringt, dann ziehen Sie es einfach aus dem Steckplatz.

WICHTIGE INFORMATIONEN ZUR SPEICHERKARTE

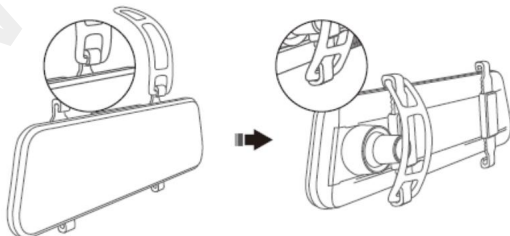
1. Entfernen oder stecken Sie die Micro SD-Karte nicht, während die Kamera eingeschaltet ist, die Speicherkarte könnte beschädigt werden.
2. Jedes Mal, wenn Sie eine Micro SD-Karte einlegen, formatieren Sie sie in der Kamera, um sicherzustellen Stellen Sie sicher, dass die Micro-SD-Karte mit der Kamera kompatibel ist.

Installation der Frontkamera

1. Schalten Sie den Fahrzeugmotor aus. Stecken Sie die Micro-SD-Karte in den Micro-SD-Steckplatz. Bordkameras.

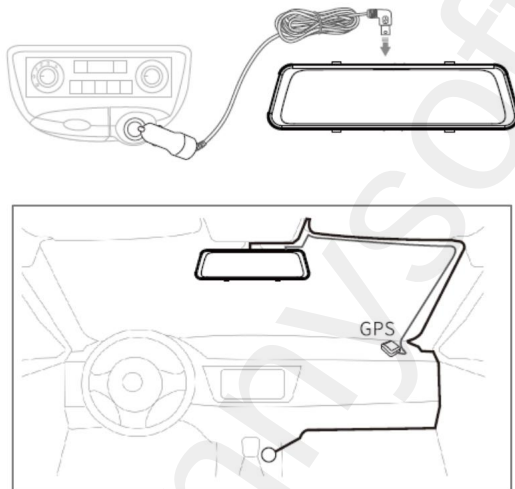
2. Platzieren Sie die Gummiverschlüsse an den oberen Befestigungsclips (Es gibt 2 Arten von Verschlüssen; verwenden Sie den, der für Ihr Auto geeignet ist). Platzieren Sie die Spiegel-Dashcam an der Vorderseite Ihres vorhandenen Rückspiegels, sodass das Kameraobjektiv den Rand des Rückspiegels überlappt.

Setzen Sie die unteren Gummilager auf den Spiegel und befestigen Sie diese am unteren Befestigungsclip.



3. Verbinden Sie ein Ende des Autoladekabels mit dem USB-Eingang oben auf der Mirror Dash Camera. Stecken Sie das andere Ende des Autoladekabels in die Zigarettenanzünderbuchse Ihres Fahrzeugs. Verlegen Sie das Kabel entlang der Fahrzeugkonsole.

4. Verbinden Sie das GPS-Modul mit der Dashcam, entfernen Sie den GPS-Modulaufkleber und legen Sie es auf das Armaturenbrett des Fahrzeugs.



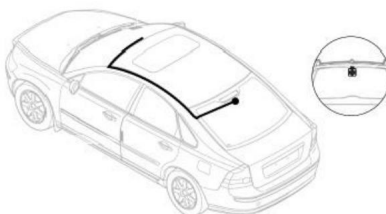
Installation der Rückfahrkamera

Die mit einem 6 Meter langen Kabel ausgestattete Rückfahrkamera wird über den AV-Eingang mit der Dashcam verbunden. Überprüfen Sie vor der Installation, ob das mitgelieferte Kabel lang genug ist, um die Rückfahrkamera in Ihrem Auto zu erreichen.

1. Es gibt zwei Stellen zur Montage der Rückkamera: Rückglas / oben
Registrierungszeichen.

Position 1: Installieren Sie die Rückfahrkamera an der Heckscheibe.

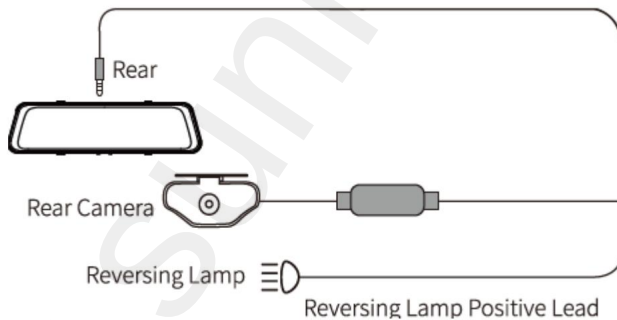
Position 1 ist nur für das Live-Streaming der Rückansicht, nicht für die Rückfahrführung.



Position 2 (empfohlen): Installieren Sie die Rückfahrkamera in der Nähe des Nummernschilds. Verlegen Sie das Kamerakabel in den Fahrzeuginnenraum, indem Sie entweder ein neues Loch bohren oder wenn möglich das vorhandene Loch für die Kennzeichenbeleuchtung verwenden. Zwei mitgelieferte Schrauben und doppelseitiges Klebeband halten die Kamera an ihrem Platz. Das Bild der Rückfahrkamera ist sowohl für die Überwachung des Fahrzeughecks als auch für die Rückwärtsführung scharf und klar.



Um die Rückfahrfunktion zu verwenden, installieren Sie die Rückfahrkamera in Position 2 und verbinden Sie dann das rote Kabel des Verlängerungskabels der Rückfahrkamera mit der Anode des Rückfahrlichts des Fahrzeugs. Verwenden Sie eine Prüflampe oder ein Multimeter, um zu bestimmen, welches Kabel positiv ist.



Hinten – hinterer Teil

Rückfahrkamera

Rückfahrcheinwerfer – Rücklicht

Pluskabel für Rückfahrcheinwerfer

2. Nachdem Sie alle Stecker angeschlossen und die Stromversorgung hergestellt haben, schalten Sie die Zündung ein.

Legen Sie den Rückwärtsgang ein und wenn alles richtig angeschlossen ist, erscheint das Bild der Rückfahrkamera im Spiegel.

Notiz:

1. Reinigen Sie vor der Installation der Rückfahrkamera die ausgewählte Stelle, um die Qualität des Klebstoffs sicherzustellen.
2. Wenn Sie Position 1 wählen, reinigen Sie die Heckscheibe regelmäßig, um sicherzustellen Bildqualität.
3. Wenn Sie Position 2 wählen, können Sie die Rückfahrkamera mit angebrachten Aufklebern oder Schrauben.
4. Ziehen Sie die Schrauben fest, um die Kamera auf den gewünschten Betrachtungswinkel einzustellen.

Installation

Ein-/Ausschalten

Option 1: Starten Sie den Motor und die Mirror Dash Camera schaltet sich ein. schaltet sich automatisch ein; Wenn der Motor stoppt, schaltet sich die Kamera automatisch aus.

Option 2: Einmal drücken, um das Gerät einzuschalten; durch Drücken von und 3 Sekunden lang gedrückt halten, um das Gerät auszuschalten.

Bildschirm ein-/ausschalten

Drücken Sie einfach einmal die Einschalttaste, um den Bildschirm auszuschalten (Sie können aber weiterhin aufzeichnen), wenn die Dashcam eingeschaltet ist.

Drücken oder tippen Sie erneut auf den Touchscreen, um die Kamera zu aktivieren.

FORMATIEREN EINER SPEICHERKARTE

1. Berühren Sie , um das Einstellungsmenü aufzurufen.
2. Berühren Sie „System“ und dann „Formatieren“.
3. Berühren Sie die Schaltfläche „OK“.

Notiz:

1. Entfernen oder stecken Sie die Micro SD-Karte nicht, während die Kamera eingeschaltet ist, die Speicherkarte könnte beschädigt werden.

2. Jedes Mal, wenn Sie eine Micro SD-Karte einlegen, formatieren Sie sie in der Kamera, um sicherzustellen. Stellen Sie sicher, dass die Micro-SD-Karte mit der Kamera kompatibel ist.

Einstellen von Zeitzone, Datum und Uhrzeit

1. Schließen Sie das GPS-Modul an.
2. Stellen Sie zunächst den GMT-Wert ein.

General	Video Settings	System
Parking Monitor	GMT+8	Medium >
Video Stamp	GMT+9	1Minute >
Date/Time	GMT+10	Medium >
Timezone Setting	GMT+11	KM/H >

3. Datum und Uhrzeit einstellen (Jahr – Monat – Tag – Stunde – Minute)

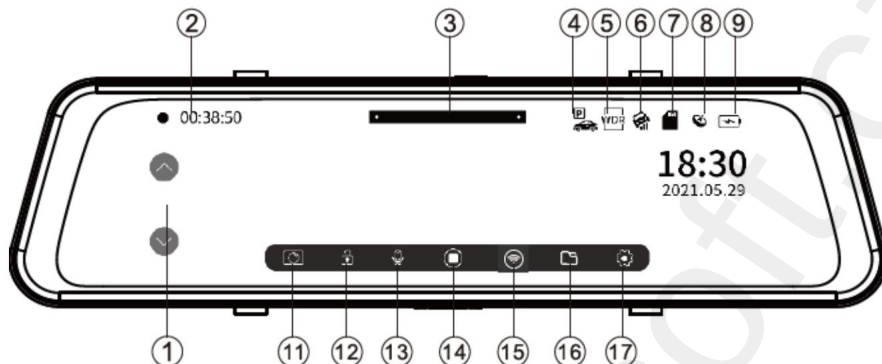
Date/Time				
2020	05	20	21	15
2021	06	21	22	16
2022	07	22	23	17

Cancel OK

Die Dashcam aktualisiert Datum und Uhrzeit automatisch basierend auf dem von Ihnen ausgewählten GMT-Wert, wenn sie ein GPS-Signal empfängt.

Dies erfahren Sie unter <https://www.timeanddate.com/time/map/>.
der richtige GMT-Wert (Greenwich Mean Time) entsprechend Ihrem Standort.

Tastenfunktionen



1	Betrachtungswinkel anpassen	Tippen Sie auf die Auf-/Ab-Pfeile, um den Betrachtungswinkel anzupassen. Dies funktioniert nicht bei der Anzeige einer Dualkamera.
2	Aufnahmetimer	Zeigt die verstrichene Aufnahmezeit an.
3	Steuerung der Bildschirmhelligkeit	Verschieben Sie den Helligkeitsbalken, um die Bildschirmhelligkeit zu erhöhen oder zu verringern.
4	Parken Monitor	Zeigt den Status des Parkmodus an.
5	WDR	Zeigt den WDR-Status an.
6	G-Sensor	Zeigt den Status des G-Sensors an.
7	Micro SD Karte	Zeigt den Status der Micro-SD-Karte an.
8	GPS	Zeigt den GPS-Status an.
9	Batterie	Zeigt den Batteriestatus an.
10	Datum/Uhrzeit	Zeigt Datum und Uhrzeit an.
11	Aufnehmen eines Fotos	Tippen Sie auf , um ein Foto aufzunehmen und im Speicher zu speichern.
12	Notschloss	Klicken Sie auf das geöffnete Schlosssymbol, um das aktuelle Video zu sperren, damit es nicht gelöscht oder überschrieben werden kann. Durch Tippen auf das Symbol Sie starten die Aufnahme erneut mit geschlossenem Schloss.
13	Klang	Tippen Sie auf das Mikrofon, um es ein- oder auszuschalten.
14	Aufnahme	Tippen Sie auf , um die Aufnahme zu beenden und auf der Speicherkarte zu speichern.

15	W-lan	Tippen Sie, um WLAN einzuschalten, und tippen Sie erneut, um es auszuschalten.
16	Wiedergabe	Klicken Sie, um das Menü mit aufgezeichneten Videos und aufgenommenen Fotos aufzurufen.
17	Einstellungen System	Sie gelangen in die Systemeinstellungen.

Funktion

Im Allgemeinen

Parkmonitor – Parkmonitor - ein/aus (Standard)

Wenn die Funktion „Parküberwachung“ eingeschaltet und mit dem Zigarettenanzünder (Strom) verbunden ist, beginnt die Dashcam automatisch mit der Videoaufzeichnung für etwa 60 Sekunden und sperrt diese, wenn eine Kollision/ein Aufprall erkannt wird. Die Dashcam erkennt mit ihrem internen Akku (500 mAh) Stöße und Erschütterungen und unterstützt daher eine begrenzte Videoaufzeichnungszeit von 60 Sekunden. Dieser Modus spart deutlich Energie und schont die Batterie Ihres Autos.

Wenn Sie die 24-Stunden-Parküberwachung nutzen möchten, siehe unten.

G-Sensor – G-Sensor - Aus/ Hoch/ Mittel (Standard)/ Aus

Der G-Sensor ist ein dreiachsiger Aufprall-Schwerkraftbeschleunigungsmesser, der dazu dient, auf die Kamera einwirkende physikalische Kräfte und Gravitationskräfte zu erkennen. Während der Videoaufnahme: Falls der G-Sensor aufgrund einer physikalischen oder Schwerkrafteinwirkung auf die Kamera ausgelöst wird, wird die aktuelle Loop-Zykluslänge der Videodatei gesperrt, sodass sie NICHT durch die Loop-Zyklusfunktion gelöscht wird.

Videostempel – Videomarkierung Z- Ein (Standard) / Aus -

Über dieses Tag-Menü können Sie Tags am unteren Rand des Videos auswählen. Datum und Uhrzeit, Geschwindigkeit, GPS-Koordinaten, AZDOME-Logo und Modell.

Bildschirmschoner - 1 (Standard)/3/5 Minuten/Aus

1/3/5 Minuten: Der LCD-Bildschirm der Dashcam schaltet sich nach 1/3/5 Minuten aus.

aber es wird immer noch aufgezeichnet.

Aus: Der LCD-Bildschirm der Dashcam ist immer eingeschaltet.

Zeitzone – Zeitzone

Von der Zeitzone GMT-12 zur Zeitzone GMT+12.

Uhrzeit-/Datumseinstellung

Einstellen von Datum und Uhrzeit.

Tastenton - Aus/Leise/Mittel (Standard)/Hoch

Mit dieser Funktion können Sie den Ton der Kamerataste und eventuelle Sprachbestätigungen ein-/ausschalten.

Geschwindigkeitseinheit - KM/H (Standard)/MPH

Basierend auf Ihrer Auswahl können Sie die gewünschte Geschwindigkeitsstempeloption auswählen, die auf dem Videomaterial angezeigt und aufgezeichnet wird.

Frequenz – 50 Hz/60 Hz (Standard)

Wählen Sie hier die Frequenz entsprechend der Stromversorgungsspezifikation in Ihr Land basierend auf Ihrem geografischen Standort.

60 Hz (USA – Nordamerika)

50 Hz (Europa – die meisten asiatischen Länder)

Formaterinnerung – Aus/15 Tage/30 Tage (Standard)/60 Tage

Mit dieser Funktion können Sie eine FORMAT-ERINNERUNG zum Formatieren der Speicherkarte einstellen. Nach der Einstellung erinnert Sie die Kamera im eingestellten Intervall daran, die Speicherkarte zu formatieren.

Parkleitleinie – Parkleitleinie ein (Standard)/Aus

Ein: Die Funktion wird aktiviert, wenn der Rückwärtsgang eingelegt ist.

Das Bild der Kamera wird mit der Hilfslinie auf dem Bildschirm der Dashcam angezeigt.

Aus: Die Funktion wird aktiviert, wenn der Rückwärtsgang eingelegt ist.

Das Kamerabild wird auf dem Dashcam-Bildschirm angezeigt, jedoch OHNE Hotlines.

Rückspiegel mit Videofunktion – Ein (Standard)/Aus

Ein: Das Bild auf dem Dashcam-Bildschirm entspricht dem Bild im Rückspiegel.

Zeitraffer-Parkmodus - ein/aus (Standard)

Dieses Menü erscheint NUR bei Anschluss an ein Dreidraht-Set solide Führung.

Zeitraffer-Parkmodus aktiviert: Die Dashcam nimmt Fotos mit einer Rate von 1 Bild pro 1 Sekunde auf und fügt sie zu einem Video zusammen, was die Nutzung der Speicherkarte erheblich optimiert.

So stellen Sie den 24-Stunden-Parkmodus ein

Wenn Sie das AZDOME-Dreidraht-Hardwire-Kit verwenden, gibt es Ihnen stehen zwei 24-Stunden-Parkmodi zur Auswahl:

1. Wenn „Parkmodus“ eingeschaltet / „Zeitraffer-Parkmodus“ ausgeschaltet ist: Die Dashcam zeichnet eine unbegrenzte Anzahl von 60-Sekunden-Videos auf und schaltet sich dann aus, wenn sie eine Kollision/einen Aufprall erkennt.

Dieser Modus ist ideal, wenn:

- Sie parken in einer ruhigen Gegend oder möchten Ton für alle haben Umstände.

1) Wenn Sie den Fahrzeugmotor abstellen. Dann schaltet sich die Kamera aus.

2) Die Dashcam beginnt automatisch mit der Videoaufzeichnung für einen Zeitraum von ca. 60 Sekunden und sperrt es, wenn es eine Kollision/einen Aufprall erkennt.

3) Beim nächsten Starten des Fahrzeugs schaltet sich die Kamera ein und wechselt automatisch in den normalen Videoaufzeichnungsmodus - Schleife.

2. Wenn der „Parkmodus“ ausgeschaltet / der „Zeitraffer-Parkmodus“ eingeschaltet ist: Die Dashcam nimmt Fotos mit einer Rate von 1 Bild pro 1 Sekunde auf und fügt sie zu einem Video zusammen, was die Nutzung der Speicherkarte erheblich optimiert.

Dieser Modus ist ideal, wenn:

- Sie haben in einem belebten Bereich mit starkem Fahrzeug- und Fußgängerverkehr geparkt (z. B. Parkplatz eines Einkaufszentrums).

- Sie möchten einen schnellen Überblick über alles haben, was rund um Ihr geparktes Auto passiert.

1) Wenn Sie den Fahrzeugmotor ausschalten, stoppt die Kamera die Aufnahme in Schleife und wechselt automatisch in den Zeitraffer-Parkmodus.

2) Wenn dieser Zeitraffer-Parkmodus aktiviert ist und jemand in Ihr Auto fährt, sperrt die Kamera die Videodatei, speichert sie im Ordner LOCK auf der Micro-SD-Karte und wechselt dann zur Aufnahme im Zeitraffer-Parkmodus.

3) Beim nächsten Starten des Fahrzeugs stoppt die Kamera den Zeitraffer-Parkmodus automatisch. Dann erfolgt automatisch der Wechsel in den normalen Videomodus – Loop-Aufnahmemodus.

Notiz::

- Videodateien im Zeitraffermodus werden mit höherer Geschwindigkeit abgespielt und während der Wiedergabe wird kein Ton verwendet.

- Wenn die Funktionen „Parkmodus“ und „Zeitraffer“ gleichzeitig aktiviert sind Parkmodus“, Zeitraffer-Parkmodus hat Vorrang.

Videoeinstellungen

Videoauflösung – 1440 (Standard)/1080P30

Ermöglicht Ihnen, die gewünschte Videoauflösung auszuwählen. Eine höhere Auflösung und eine höhere Bildfrequenz sorgen für flüssigere Videos, benötigen aber auch mehr Speicherplatz.

Loop-Aufnahme – 1 Min./3 Min. (Standard)/5 Min. Ermöglicht kontinuierliche Dashcam-Aufnahme. Hinweis: Damit die Dashcam kontinuierlich aufzeichnen kann, löscht sie automatisch die ältesten Dateien, wenn die Speicherkarte voll ist. Wählen Sie hier die Länge der Videodatei für die Loop-Aufnahme aus.

WDR – Ein (Standard)/Aus (deaktiviert)

Wide Dynamic Range (WDR) verbessert die Belichtung, indem überbelichtete und unterbelichtete Bilder zu einem robusten, weiten Beleuchtungsbereich mit größerer Tiefenschärfe kombiniert werden.

Zeitrafferaufnahme – ein/aus (Standard)

Im Zeitraffer-Aufnahmemodus können Sie bestimmte Bilder pro Sekunde mit einer viel geringeren Rate aufnehmen. Wenn Sie diese Einzelbilder also kombinieren und mit der normalen Rate von 30 Einzelbildern pro Sekunde wiedergeben, scheint sich im Zeitraffer-Filmmaterial alles schneller zu bewegen.

System

Sprache – Mehrsprachig, Standard: Englisch.

Ermöglicht Ihnen, die gewünschte Sprache für das Dashcam-System auszuwählen.

GPS Info – GPS-Informationen

Zeigt Satellitennummern, Datum/Uhrzeit, Längengrad, Breitengrad, Geschwindigkeit, Richtung.

W-lan

Standardmäßig ist WLAN deaktiviert. Wenn Sie WLAN einschalten, kann eine Verbindung zur AZDOME-App hergestellt werden, die in die App heruntergeladen wird, und die Kamera funktioniert dann in der AZDOME-App.

Format – Format

Mit dieser Funktion können Sie die eingelegte Speicherkarte formatieren, alle die Daten werden gelöscht.

Wir empfehlen, die Speicherkarte alle 3 Monate zu formatieren, um sie sauber zu halten und einen störungsfreien Betrieb zu gewährleisten.

Bitte beachten Sie, dass Speicherkarten eine eigene Lebensdauer haben. Nach häufigem Gebrauch, bei dem immer wieder Daten auf sie geschrieben werden, werden sie schließlich unbrauchbar. Wenn dies passiert, ersetzen Sie die Speicherkarte.

Einstellungen zurücksetzen

Hier können Sie alle Einstellungen auf die Werkseinstellungen zurücksetzen.

Version

Hier können Sie die aktuelle Firmware-Version überprüfen, die auf Ihrer Kamera installiert ist. Sie benötigen diese Information in Zukunft, um zu prüfen, ob eine neuere Firmware-Version verfügbar ist.

Die neuesten Anweisungen zum Firmware-Update finden Sie unter: <http://www.azdome.hk/downloads.html>.

Aufgezeichnete Videos wiedergeben

Für die Wiedergabe des aufgenommenen Videos stehen zwei Optionen zur Verfügung.

1. Auf einer Dashcam

Klicken Sie auf das Ordnersymbol  um das Wiedergabemenü aufzurufen



Es werden 6 Ordner angezeigt.

Front-Notfallvideo: Notfallvideos werden von der Frontkamera aufgezeichnet, können jedoch nicht überschrieben werden.

Notfallvideo hinten: Notfallvideos werden von der Rückfahrkamera aufgezeichnet, können aber nicht überschrieben werden.

Normales Frontvideo: Von der Frontkamera aufgenommene Videos.

Rear normal video: Videos aufgenommen von Rear Kamera.

Frontfoto: Mit der Frontkamera aufgenommenes Foto.

Rückfoto: Mit der Rückkamera aufgenommenes Foto.



Tipps:

1. Tippen Sie auf 2. ⏪ Sie kehren zur vorherigen Schnittstelle zurück

Tippen Sie auf 3. ▶/⏸ eine Videodatei abspielen/anhalten.

Tippen Sie auf, um das aktuell aufgezeichnete Video manuell zu sperren/entsperren, um sicherzustellen, dass es NICHT überschrieben oder gelöscht wird.

4. Tippen Sie auf, um die ausgewählte Datei oder ALLE Dateien zu löschen.

Notiz:

Der Fotoordner kann nicht gesperrt werden.

2. Auf Ihrem

Computer 1. Entfernen Sie die Micro-SD-Karte aus der Kamera und stecken Sie sie direkt in Ihren Laptop, wenn Sie über einen Micro-SD-Kartensteckplatz verfügen (andernfalls verwenden Sie einen Micro-SD-Kartenleser).

2. Sie sollten das Laufwerk „D“ oder „E“ oder je nach den vorinstallierten Festplatten einen anderen Namen sehen. Sobald Sie das hinzugefügte Flash-Laufwerk gefunden haben, doppelklicken Sie darauf. Anschließend werden die Ordner mit Dateien angezeigt -

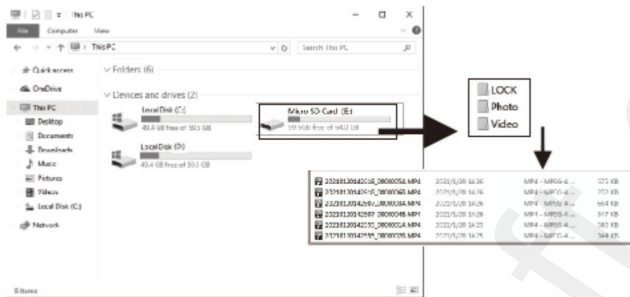
Film/SPERRE/Foto

Film: In einer Schleife wiedergegebene Videodateien, die überschrieben werden können.

LOCK: Eine Videodatei, die gesperrt ist, sodass die Loop-Aufnahmefunktion sie NICHT löschen kann.

Foto: Wird zum Hochladen von Fotos verwendet.

3. Doppelklicken Sie anschließend einfach auf das Video, um es abzuspielen.

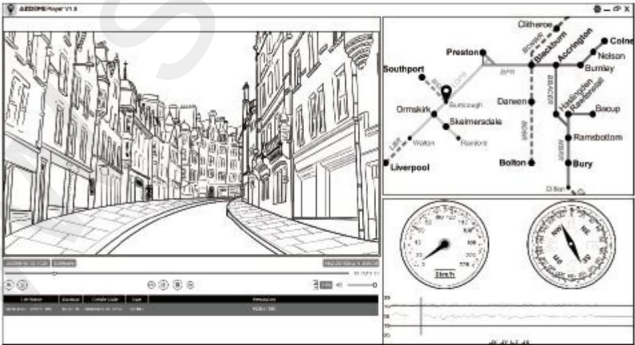


Dateinamen, die mit dem Buchstaben A enden, wurden mit der Frontkamera aufgenommen.
Dateinamen, die mit dem Buchstaben B enden, wurden mit der Rückkamera aufgenommen.

Installieren einer Software zur Wiedergabe von GPS-Daten (nur PC/MAC)

1. Gehen Sie auf unsere Website www.azdome.hk/downloads und laden Sie AZDOME Player herunter (für Windows 32 Bit/64 Bit oder macOS).
2. Installieren Sie AZDOME Player auf Ihrem Laptop,
siehe Fotos unten.
3. Spielen Sie Videodateien mit dem AZDOME Player ab. Die Autoroute wird auf der Google-Karte angezeigt.

Technischer Support von AZDOME: service@azdome.hk



Fragen & Antworten

Frage 1: Warum ist das Bild der Rückkamera auf dem Bildschirm verkehrt herum?

Nutzen Sie je nach Gewohnheit die Funktion „Backup Cam Mirror Image“.

Frage 2: Schlechte Bildqualität der Rückkamera

Die wahrscheinlichste Ursache ist einfach eine verschmutzte Linse.

Da viele Kameras tief hinten am Auto angebracht sind, besteht die Gefahr, dass sie durch Schlamm, Schnee, Schmutz oder andere Ablagerungen verschmiert werden.

Glücklicherweise lässt sich das Problem ganz einfach beheben: Reinigen Sie die Linse mit einem weichen Tuch (um Kratzer auf der Linse zu vermeiden).

Wenn es immer noch nicht funktioniert, senden Sie eine E-Mail an service@azdome.hk.

Frage 3: Die Dashcam ist heiß

Ja! Eine Dashcam dieses Kalibers ist ein ziemliches High-End-Gerät.

Aus technischer Sicht erfordert die Aufnahme hochwertiger Full-HD-Videos eine enorme Computerverarbeitungsleistung. Wärme ist ein Nebenprodukt der gesamten stattfindenden Datenverarbeitung.

Aber Sie müssen sich keine Sorgen machen. Das Gehäuse der Dashcam selbst dient als Kühlkörper (beachten Sie die schönen Belüftungsöffnungen). Deshalb kann es sein, dass es sich bei Berührung warm oder heiß anfühlt. Keine Sorge, das ist normal und Ihr AZDOME-Gerät funktioniert wie es sollte.

Frage 4: Die Videowiedergabe auf meinem Computer ist verzögert.

Sie sehen eine Version der Videodateien mit hoher Bitrate. Die allgemeine Konfiguration des Computers kann ein Problem mit der schnelleren Datenverarbeitung verursachen.

Bitte laden Sie Videos in einer niedrigeren Auflösung hoch und versuchen Sie es erneut. Wenn das Problem weiterhin besteht, kontaktieren Sie uns bitte.

Frage 5: Warum kann die Dashcam das GPS-Signal nicht erfassen?

1. Je nach Fahrzeug und Standort kann das GPS-Signal aufgrund starker Funkstörungen durch andere elektronische Geräte im Fahrzeug blockiert sein.

bewölktes/regnerisches Wetter oder Berge, Tunnel, hohe Gebäude auf beiden Seiten der Straße usw.

2. Überprüfen Sie, ob das GPS funktioniert, indem Sie das GPS-Modul aus dem Auto entfernen. Wenn es funktioniert, muss es im Auto zu starken Störungen gekommen sein, beispielsweise durch eine starke Explosionsmembran des Autos, einen Metallgegenstand usw.

ERKLÄRUNG

Die AZDOME Streaming Mirror Dash Camera ist als Fahrerassistent vorgesehen und übernimmt NICHT die Verantwortung für das Führen des Fahrzeugs vom Fahrer.

Die rechtliche Verantwortung und die Grundsätze einer sicheren Fahrweise verbleiben stets beim Fahrer.

Sie erklären sich mit der Verwendung dieses Produkts einverstanden und verstehen, dass es nur als Hilfsmittel dient. Wir empfehlen dringend, dieses Produkt professionell installieren zu lassen, um sicherzustellen, dass es die vorgesehene Funktion erfüllt. Für den Fall, dass Sie den Kauf dieses Produkts bereuen oder es zurückgeben, ist das Unternehmen in KEINER Weise für an Ihrem Fahrzeug vorgenommene Löcher oder Einbauänderungen verantwortlich.

BEACHTEN

- Das Produkt darf unter keinen Umständen Regen, Feuchtigkeit oder Wasser, da es sonst äußerlich oder innerlich beschädigt wird.
 - Platzieren Sie das Gerät nicht in einer feuchten Umgebung. Dieses Gerät ist nicht feuchtigkeitsbeständig konzipiert.
 - Versuchen Sie nicht, die Abdeckung zu öffnen oder selbst zu reparieren.
- Wenn ein Problem mit dem Zubehör dieses Geräts auftritt, wenden Sie sich bitte an Ihren Händler.
- Setzen Sie das Gerät keiner übermäßigen Hitze oder Staub aus und reinigen Sie es nicht mit Chemikalien oder Reinigungsmitteln.
 - Benutzen oder installieren Sie die Kamera nicht während der Fahrt und versuchen Sie nicht, Einstellungen etc. zu verändern. Fahren Sie zuerst von der Straße ab und tun Sie dies nur, wenn dies sicher ist.
 - Das Produkt nicht fallen lassen, durchstechen, auseinandernehmen oder ins Feuer werfen. Es enthält eine Batterie und kann bei unsachgemäßer Handhabung explodieren.

- Verwenden Sie das Ladegerät nicht, wenn das Kabel gebrochen oder beschädigt ist.

Außerhalb der Reichweite von Kindern aufbewahren.

- Lassen Sie die Kamera nicht über längere Zeit direktem Sonnenlicht ausgesetzt oder an Orten liegen, an denen die Temperatur 60 °C (140 °F) übersteigen kann.

- Wenn Sie die Kamera nicht verwenden, empfehlen wir, sie aus dem Fahrzeug zu entfernen.

Dadurch wird ein Diebstahl oder die Einwirkung übermäßiger Hitze verhindert, wodurch eine Beschädigung des Geräts vermieden wird.

Verteiler

Sunnysoft sro
Kovanecka 2390/1a
190 00 Prag 9

Tschechische Republik
www.sunnysoft.cz

Owner's Manual

AR09



KAKA GROUP LTD
www.azdome.hk info2@azdome.hk
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Dongguan, Guangdong, 523660, CN



V2.0

AZDOME

Enjoy Your Smart Driving

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•» WARRANTY & CUSTOMER SUPPORT

We provide 12-Month of limited warranty for your product from the date of purchase to be free from defects in materials and craftsmanship.

For questions, support, or warranty claims, contact us at **info2@azdome.hk** with you Order Number. If you can provide the photos or video to show your problem we will be appreciated. IMPORTANT: Proof of original purchase (Online order receipt is also accepted) is required for any warranty service. AZDOME can only provide after sales service for products purchased directly from AZDOME. If you have purchased from a different seller, please contact them directly for service or warranty issues.



info2@azdome.hk

•» NOTICE

Please read and understand warnings & safety instructions before operating.

- ① Make sure to always keep the camera plugged into the power, because camera's internal battery is NOT meant to last more than 3-5 minutes depending on the video resolution you choose.
- ② You will need to insert a memory card before you can start recording. Please insert only a brand name Class-10 or above higher speed Micro-SD card.
- ③ Before first time use, you MUST format the memory card in the camera to prevent any errors and for smooth operation.
- ④ Setting Date & Time: Please set the correct date and time, please refer to page EN-14.

» SPECIFICATION

Model	AR09
Mic/Speaker	Built In
Photo Format	JPG
Video Format	MP4
Video Resolution	Front:1440P;1080P Rear: 1080P
Memory Card	Class 10 or above high-speed Micro SD card
Car Inverter DC	5V/3.0A
Relative Humidity	10%-70%
Battery	500mAh lithium battery
WiFi	Yes. AZDOME APP
GPS Track	Support, need to connect GPS Module
Loop Recording	Support
Motion Detection	No
Parking Monitor	Support, 24 hours Parking Monitor need to connect 3-lead hard-wire kit

» PACKING LIST



Mirror Dash cam



Rear Dash cam (6M cable)



USB Car Charger
(3.5M Cable)



4 Rubber Fasteners



5 x Cable Clips



Wire Trim Tool



Anti-glare Screen Film



User Manual



Cleaning Cloth

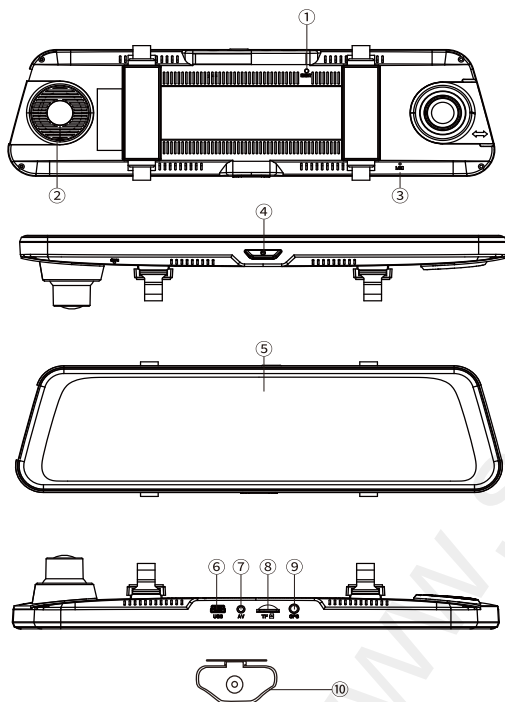


Dry Wet Cloth Pack

Note

- To improve the performance of the product, the contents of this manual are subject to change without prior notice.

» PRODUCT DIAGRAM



#	Component	Description
1	Reset	Insert a pin to 'RESET' hole to reboot when device is Not Responding
2	Speaker	Built in speaker
3	Microphone	Records audio
4	Power Key	-Press once to turn on device -Press and hold 3 seconds to turn off device -Short press to turn off/on screen when recording
5	Screen	Touching Screen
6	Mini USB Port	Connect to MINI USB cable & charge battery
7	AV-IN	Connect to rear camera
8	Micro SD Card Slot	Support Micro SD, Class 10 or above, U3 high-speed
9	GPS	Check your route when you playback the videos Via AZDOME Player
10	Rear Camera	Records rear side

» INSTALLATION

Install Micro SD Card

1. Make sure the dash cam is turned OFF.
2. Insert the Micro-SD Card half way in (GOLD Contacts - Facing the Back/Lens Side)
3. Now gently push the card in until it clicks & looks in place.
4. Must use only Brand Name, Class-10, U3 or higher speed Micro-SD Card.

Remove Micro SD Card

-To remove the Micro SD card, gently push its top edge inward until it clicks, and then pops out, then simply pull it out of the slot.

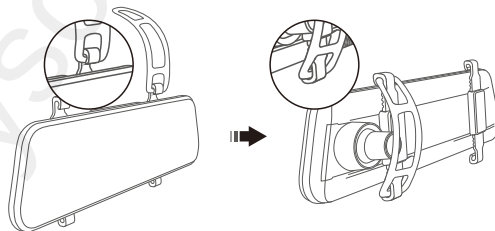
MOST IMPORTANT about Memory CARD

1. Do not remove or insert Micro SD card when the camera is powered on which may damage the memory card.
2. Every time you insert a Micro SD card, please format it in the camera to ensure that the microSD card is compatible with the camera.

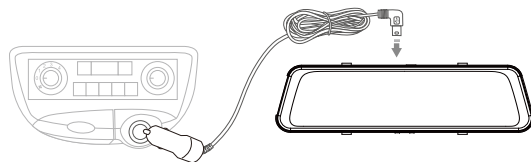
Front Camera Installation

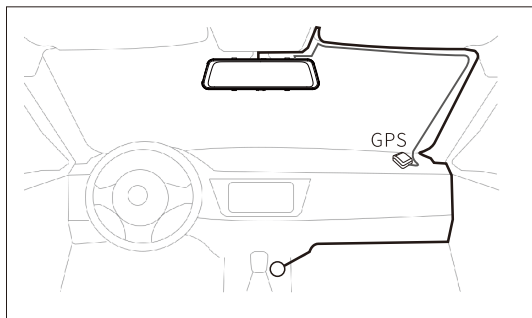
1. Turn off the car's engine. Insert a Micro SD card into the Micro SD slot of the dash cam.

2. Loop the rubber fasteners over the top fastener clips (There are 2 types of fasteners; please use which ever suits your car; Put the mirror dash cam in position on the front face of your existing rear view mirror ensuring the camera lens clears the edge of your rear view mirror. Loop the bottom rubber fasteners over the mirror and attached to the bottom fastener clip.



3. Connect one end of Car Charger cable to the USB Input port on the topside of Mirror Dash Camera. Plug the other end of the Car Charger cable to the Cigarette Lighter Receptacle in the vehicle. Run the cable along your vehicles console.
4. Connect the GPS module to the dash cam, tear off the sticker of GPS module and place it on the car dashboard.





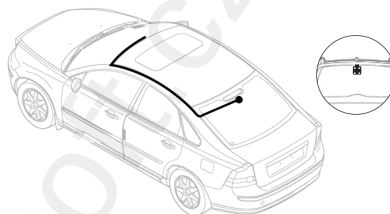
Rear Camera Installation

The rear camera equipped with a 6-meter cable is to connect to the dash-cam via AV IN port. Before installation, please check if the provided cable is long enough to reach the rear cam in your car.

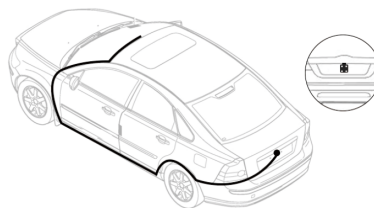
1. There are two locations for mounting the rear camera: rear windshield / above the number plate.

Position 1: Install the rear camera on the rear windshield.

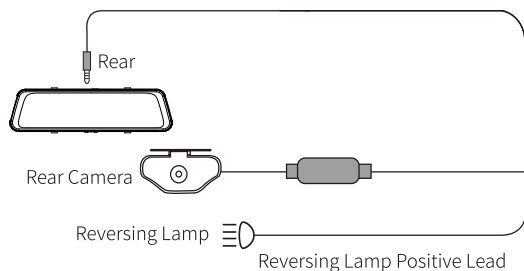
Position 1 is designed for live stream rear review only, not for reversing guide.



Position 2 (Recommended): Install the rear camera near the license plate. Feed the camera wire through to the interior of the vehicle either by drilling a new hole; or using the existing hole for the number plate light if possible. The two included screws and double-sided tape will hold the camera in place. The rear camera image is crisp and clear for both rear viewing and reversing guide.



To use the reversing function, install the rear camera in position 2, then connect the red cable of the rear camera extension cable to the anode of the car reversing lamp by using a test light or multimeter to determine which wire is positive.



2. Once all of the plugs are connected and power connections are made. Switch on the ignition. Shift the gear into reverse, and if all is wired correctly; the rear camera image will appear in your mirror.

Note

- ① Please clean the position to ensure the adhesive quality before install the rear camera.
- ② Please clean the rear windshield regularly to ensure the image quality if choose the position 1.
- ③ If choose the position 2, you can install the rear camera with the included adhesive sticker or screws.
- ④ Please fasten the screws to adjust the desired camera view angle.

GET STARTED

Power On/Off

Option 1: Start the engine to automatically power on the Mirror Dash Camera; stop the engine to automatically power it off.

Option 2: Press once to turn on device; Press and hold 3 seconds to turn off device.

Screen On/Off

Simply press the Power Button once to switch the screen off (But can still recording) when the mirror dash cam is ON; Press it again or tap the touch screen to wake up the camera.

FORMATTING MEMORY CARD

1. Touch  to enter the Settings Menu.
2. Touch "System" and touch "Format".
4. Touch "OK".

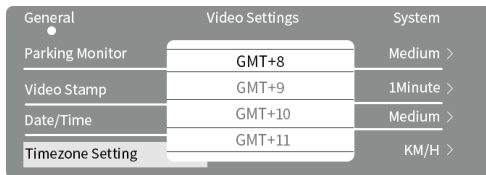
Note

1. Do not remove or insert Micro SD card when the camera is powered on which may damage the memory card.
2. Every time you insert a Micro SD card, please format it in the camera to ensure that the microSD card is compatible with the camera.

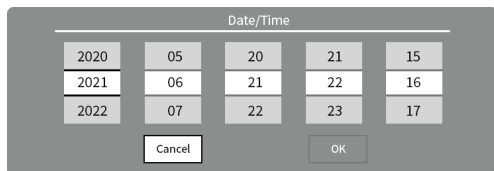
SETTING TIMEZONE AND DATE/TIME

① Please connect GPS module.

② Set the GMT value first.



③ Set the Date/Time: Year-Month-Day-Hour-Minute

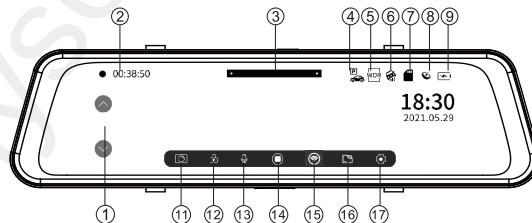


The dash camera will updated the date and time based on the GMT value selection automatically when it receives the GPS signal .

	British Winter Time	British Summer Time
UK Time Zones	GMT/UTC +1	GMT/UTC ±0

Go to <https://www.timeanddate.com/time/map/> to find out your Correct GMT (Greenwich Mean Time) value based on your location.

» BUTTON FUNCTION



#	Description	Feature
1	Adjust View Angle	Tap to adjust view angle, can't work when dual camera display
2	Recording timer	Shows the elapsed recording time
3	Screen Brightness Control	Slide the brightness bar to increase or decrease the screen brightness
4	Parking Monitor	Shows the parking mode status
5	WDR	Shows the WDR status
6	G-sensor	Show the G-sensor status

7	MicroSDCard	Show the Micro SDCard status
8	GPS	Show the GPS status
9	Battery	Shows the status of Battery
10	Date/Time	Shows the date and time
11	PhotoShooting	Tap  to capture a photo and save it to the memory card
12	EmergencyLock	Tap  to manually lock the current video that is recording to make sure it will NOT being overwritten or deleted; Tap  to start recording again
13	Audio	Tap  to mute/unmute the microphone
14	Recording	Tap  to end & save the recording into the memory card
15	WiFi	Tap  to turn on WiFi Tap again, turn off wifi
16	Playback	Tap  to enter playback menu and check all videos or photos saved
17	System Setting	Tap  to enter system setting menu

FUNCTION

General

Parking Monitor — On/Off(Default)

If connected to cigarette lighter to supply power, with "Parking Monitor" function enabled, dash cam automatically starts recording a video for around 60s and lock it when any collision/ impact detected. Dash cam use its internal battery(500mAh) to detect any knock or bump so supports limited times of recording a 60-second video. This mode greatly saves energy and protects your car battery.

If you want to use 24-hours Parking Monitor please take refer to Page EN-14

G-sensor — Off/ High/ Medium(Default)/ Off

G-Sensor is a 3-axis impact gravitational accelerometer which is designed to detect physical and gravitational forces on the camera. While Video is Being Recorded: In the event when G-Sensor is triggered due to physical or gravitational impact force on the camera, the current loop cycle length of video file will be locked so it will NOT be deleted by loop cycle function.

Video Stamp — On(Default)/Off

This stamps menu allows you to choose your choice of stamps for the bottom of the video. Date & Time, speed, GPS Coordinates, AZDOME Logo and model.

Screen Saver — 1(Default)/3/5 minutes/ Off

1/3/5 minutes: The dash cam LCD screen will turn off after 1/3/5 minutes, but still recording.

Off: The dash cam LCD screen will always on.

Timezone

From GMT-12 to GMT+12 timezone.

Time/Date Setting

To set the date & time.

Button Sound — Off/ Low/ Medium(Default)/High

This feature allows you to turn ON/OFF camera button's beep sound & any voice confirmation.

Speed Unit — KM/H(Default)/MPH

You can choose desired speed option stamp to be displayed and recorded on video stamp based on your selection.

Frequency — 50HZ/ 60HZ(Default)

Here you should choose the frequency accordingly to your power supply specification used in your country based on your geographical location.

60 Hz (USA – North America)

50 Hz (Europe – Most Asian Countries)

Format Remind — Off/ 15days/ 30days(Default)/ 60days

This feature allows you to set a FORMAT REMINDER to format your memory card. Once set, the camera will remind you to format your memory card at a set interval.

Parking Guide Line — On(Default)/Off

On: The function is activated when the reverse gear is selected.

The camera image is shown on the dash cam screen with assistance line.

Off: The function is activated when the reverse gear is selected.

The camera image is shown on the dash cam screen but NO assistance line.

Rear Video Mirror — On(Default)/Off

On: The image on the dash cam screen matches that of your rear-view mirror.

Time Lapse Parking Mode — On/Off(Default)

This menu will be shown when ONLY connected to 3-lead hardwire kit.

Time Lapse Parking Mode ON: Dash cam will capture photos at 1 frame per 1s, and stitches them into a video which greatly optimizes the use of memory card.

How to set 24-hours Parking Mode

If you connect to AZDOME 3-lead hard wire kit, here are two 24-hours Parking Modes that you can select from:

1. When function “Parking Mode” ON / “Time Lapse Parking Mode” OFF: Dash cam will record unlimited times of a 60-seconds video then power off whenever detecting collision/impact.

This mode is ideal if you: Parked in a quiet area or want audio in all circumstances

① When you turn OFF the car’s engine. Then the camera will also power off.

② Dash cam automatically starts recording a video for around 60s and lock it when any collision/impact detected

③ When you start your car for the next time, the camera will power on and goes into normal video - Loop Recording Mode automatically.

2. When “Parking Mode” OFF / “Time Lapse Parking Mode” ON: Dash cam will capture photos at 1 frame per 1s, and stitches

them into a video which greatly optimizes the use of memory card.

This mode is ideal if you :

-Parked in a busy area with lots of vehicle and foot traffic (ie. mall parking lot)

-Want to have a quick overview of everything that happens around your parked car.

① When you turn OFF the car’s engine. Then the camera will STOP the Loop Recording and it will go into the Time Lapse Parking Mode automatically.

② While this Time Lapse Parking Mode is being recorded, If someone hits your car, then the camera will lock the video file, then saved in LOCK folder of Micro SD card > then go on Time Lapse Parking Mode recording.

③ When you start your car for the next time, the camera will automatically STOP the Time Lapse Parking Mode. Then it will go into normal video - Loop Recording Mode automatically.

NOTE:

-The Time Lapse Mode video files plays at faster speed and NO audio when playback.

-If function “Parking Mode” and “Time Lapse Parking Mode” are ON simultaneously, the Time Lapse Parking Mode will be the priority

Video Settings

Video Resolution — 1440(Default)/1080P30

Allow to choose the desired video resolution. Higher resolution and fps videos result in smoother videos, but also take more storage space.

Loop Recording — 1min/ 3mins(Default)/ 5mins

Allow the dash-cam to continuously record. Please notice: the dash-cam will keep deleting the oldest files automatically when memory card gets full so that it can keep recording over and over. Here select the length of video file for the loop recording.

WDR — On(Default)/Off

Wide Dynamic Range (WDR) improves the exposure by taking the combinations of over exposed and under exposed image into one robust wide range of lighting with higher depth image.

Time-lapse Record — On/Off(Default)

Time Lapse recording mode allows you to capture specific images per second at a much lower rate. So when you combine and play those images at the normal 30fps rate, everything seems to be moving faster in time lapse.

System

Language — Multilingual, default English.

Allow to choose your desired language for dash-cam system.

GPS Info

Show the satellite numbers, Date/Time, Longitude, Latitude, Speed, Direction.

WiFi

Default turn off WiFi. If turn on WiFi, it can connect AZDOME APP which download on APP and operation on AZDOME APP.

Format

This feature will allow you to format inserted memory card, all the data will be deleted.

We recommend that you format the memory card every 3 months to keep it clean for smooth operation.

Please note that memory cards have their self life span, after so many uses of writing data over and over, eventually they will become inoperable. When that happens, please replace your memory card.

your camera. You will need this information in the future to check if newer version of firmware is available.

Please visit: <http://www.azdome.hk/downloads.html> for latest firmware upgrade instructions.

Reset Settings

Here you can restore all the settings to factory default settings.

Version

Here you can check the current firmware version installed on

» PLAYBACK RECORDED VIDEOS

There are 2 different way you can access your videos.

A. On Dash Camera

Tap  to enter Playback Menu, you will see six folders.



Front emergency video : emergency videos recorded captured by front camera but can't be overwritten

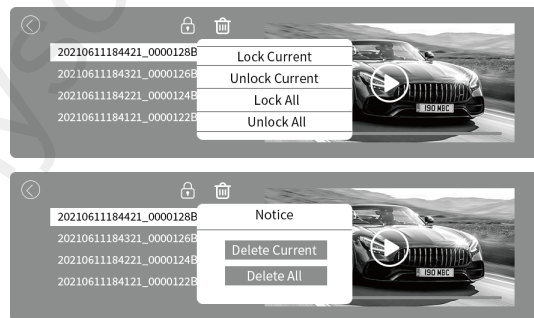
Rear emergency video : emergency videos recorded captured by rear camera but can't be overwritten

Front normal video : videos recorded captured by front camera

Rear normal video : videos recorded captured by rear camera

Front photo : photos captured by front camera

Rear photo : photos captured by rear camera



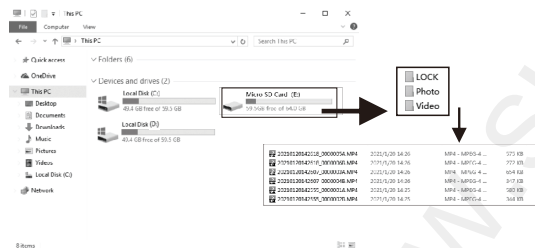
Tips

1. Tap  to return to the previous interface
2. Tap  to play/pause the video file.
3. Tap  to manually lock/unlock the current video that is recording to make sure it will or NOT being overwritten or deleted. recording to make sure it will or NOT being overwritten or deleted.
4. Tap  to delete the selected file or ALL files.

Note: The photo file can NOT be locked.

B. On Computer

1. Please remove the Micro SD card from camera and insert it directly in your laptop if you have a Micro SD Card slot (otherwise please using a Micro SD Card reader).
2. You should be able to see drive "D" or "E" or other name depending on the pre-installed hard drives. Once you find the added flash drive, double click in it, then you will see the file folders- Movie / LOCK / Photo
- Movie: The loop recording video files that can be overwritten.
- LOCK: The video file will be locked so it will NOT be deleted by loop recording function.
- Photo: The pictures
3. Then simply double click on the video to play them.



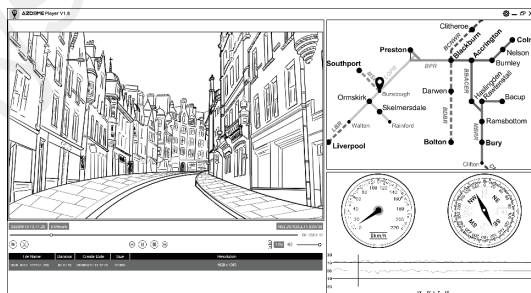
File named *****A=videos or photo captured by front camera

File named *****B=videos or photo captured by rear camera

» GPS PLAYER SOFTWARE INSTALLATION (PC/MAC ONLY)

1. Go to our website www.azdome.hk/downloads to download the AZDOME Player (For Windows32bits/64bits or macOS)
2. Install the AZDOME Player in your laptop, photo as below;
3. Play the video files by AZDOME Player, you can see the car route on Google Map.

AZDOME Tech Support : service@azdome.hk



» FAQ

Q1:Why the rear cam image is converse on the screen?

According to your habit, please use the function called “Backup Cam Mirror Image” .

Q2:Poor image quality of rear cam

The most likely cause is simply a dirty lens. Since many cameras are mounted low on the back of the car, they're subject to being obscured by mud, snow, dirt or other debris. Luckily, the fix is easy: Clean the lens with a soft cloth (to prevent scratching the lens).

If still doesn't work, please e-mail to service@azdome.hk with order number.

Q3:Dash cam will be hot

Yep! A dash cam of this caliber is a pretty high-tech piece of equipment. When you think about it from an engineering perspective, capturing high quality full HD video takes a large amount of computer processing power. Heat is the by-product of all that data processing that is going on.

But not to worry.The case of the Dash cam itself is actually used as a heat-sink (notice the nice vents), so that's why you may notice it is warm or hot to the touch. Don't worry, this is normal,

and your AZDOME is operating as designed.

Q4:My Video playback on PC is lagging.

You are viewing high-bit rate version of video files. General computer configuration may have problem with faster data processing. Please record videos at lower resolution and try again. Contact us if problem still exists.

Q5:Why dash cam can't get the GPS signal?

1. Depending on the vehicle and the location of the GPS signal can be blocked due to strong radio interference of other electronic devices in the car, the cloudy/rainy weather or mountains, tunnels, tall buildings on both sides of road etc.
2. Please check if GPS works by taking the GPS Module from the car to outside. If it works then there must be a heavy interference in the car, for example thick car Explosion-proof membrane, metal item and etc.

» DISCLAIMER

AZDOME Streaming Mirror Dash Camera is designed to be use as a driver's assistant, it dose NOT remove the responsibility of driving the vehicle from the driver. The legal responsibility and safe driving practice always remains with the driver.

You agree to use this product and understand that this is to be used as aid only. We highly recommend that you have this product professionally installed to ensure that it will provide the function it is set out to perform. In case of you change your mind or return of this product, company is NOT responsible in anyway for the holes or installation modifications made to your vehicle.

•» WARNINGS

- Do not expose this product to rain, moisture or water under any circumstances or it will result in external or internal damage.
- Do not put the unit in a damp environment. This device is not designed to be damp proof.
- Do not try to open the cover or try to repair it yourself. If the accessories for this device have any problem, please contact the seller for assistance.
- Do not expose this device to an excessive heat, dust or use any chemical substance or cleaning solvent to clean this device.
- Do not operate or install the camera while driving, or attempt to change any setting etc. Pull off the road first and only do so when it is safe.
- Do not drop, puncture or disassemble this product or dispose it on fire. It contains Battery and can explode if improperly

handled.

- Do not use the charger if the cord is broken or damaged. Keep out of reach of children.
- Do not leave the camera in the direct sunlight for a long period of time or where temperature could go above 140°F (60°C).
- Removing the camera from the vehicle when not in use is recommended. This prevents likelihood of theft or exposure to excessive heat to prevent damage to unit.

Uživatelský manuál
AR09
Utasítások



AZDOME

Enjoy Your Smart Driving

Kérjük, az első használat előtt figyelmesen olvassa el ezt a kézikönyvet.
Őrizze meg a kézikönyvet későbbi használatra.
A megjelenített képek és illusztrációk a készülték típusától függetlenül változhatnak.

GARANCIA ÉS ÜGYFÉLTÁMOGATÁS

Kérdéseivel, támogatásával vagy panaszával forduljon hozzánk az info@azdome.hk címre.
Ha tud olyan fotókat vagy videókat küldeni, amelyek bemutatják a problémát, hálásak lennénk.

ÉRTESÍTÉS

Használat előtt olvassa el a figyelmeztetéseket és a biztonsági utasításokat.

1. Győződjön meg arról, hogy a fényképezőgép mindig csatlakozik az áramforráshoz, mivel a fényképezőgép belső akkumulátorát NEM úgy tervezték, hogy a kiválasztott videó felbontástól függetlenül 3-5 percnél tovább bírja.

2. A felvétel megkezdése előtt be kell helyeznie a memóriakártyát.

Csak 10-es vagy magasabb sebességű márkás Micro-SD kártyát helyezzen be.

3. Az első használat előtt formázni KELL a memóriakártyát a fényképezőgépben az esetleges hibák elkerülése és a problémamentes működés érdekében.
forgalom.

4. Dátum és idő beállításai: Állítsa be a helyes dátumot és időt, lásd a 14. oldalon.

Műszaki adatok

Modell	AR09
Mikrofon/hangszóró	Beépített
Fotó formátum	JPG
Videó formátum	MP4
Videó felbontás	Elöl: 1440 képpont, 1080 képpont; Hátsó: 1080P
Memóriakártya	Micro-SD, osztály 10 vagy magasabb
Tápegység	5V/3A
Működési páratartalom	10-70%
Akkumulátor	500 mAh, lítium
Wi-Fi	Igen, az AZDOME alkalmazás
GPS	Támogatások, GPS modul szükséges
Hurokfelvétel	Támogatja
Mozgásérzékelés	Nem
Parkolásfigyelő	Tartók, készlet telepítése szükséges

A csomag tartalma



előlső kamera



hátlapi kamera tartóval • öntapadós kábeltartó és 6 m kábel



szerszög: fészfűtő vas



tűkröződésmentes főlia



utasítástás



szövet



Tisztítókészlet



• tápkábel 340 cm



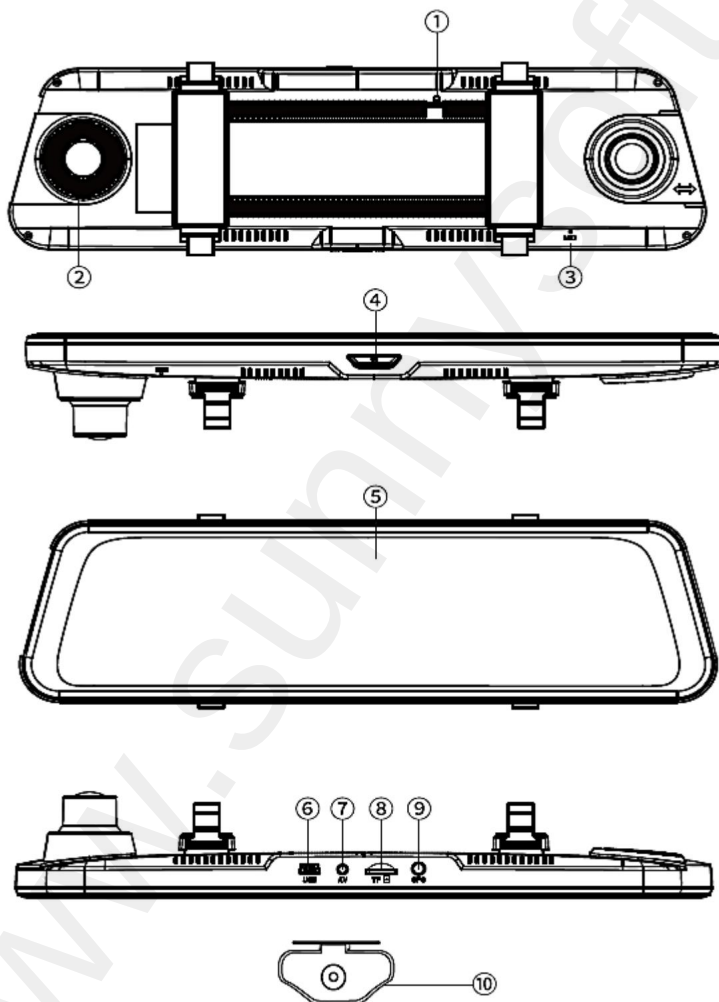
2 szett gumisalag

Megjegyzés: A termék teljesítményének javítása érdekében a kézikönyv tartalma előzetes figyelembevétel nélkül változhat.

Termék diagram

1	Reset	Helyezze a tűt a „RESET” lyukba az újraindításhoz, ha az eszköz nem reagál
2	Hangszóró	Beépített hangszóró
3	Mikrofon	Hangrögzítés
4	Bekapcsológomb	-Egy megnyomás a készülék bekapcsolásához - Nyomja meg és tartsa lenyomva 3 másodpercig a készülék kikapcsolásához - Rövid megnyomásával a képernyő ki-/bekapcsolható felvétel közben
5	Képernyő	Érintőképernyő
6	MiniUSB port	Csatlakoztassa a MINI USB kábelt és töltse fel az akkumulátort
7	AV-bemenet	Csatlakozás a hátsó kamerához

8	Micro SD foglalat	Micro SD, Class 10 vagy magasabb, U3 nagy sebességű támogatás
9	GPS	Évonal ellenőrzése videó k lejátszásakor az AZDOME Playeren keresztül
10	Hátsó kamera Rögzítő a hátlapot	



Telepítés

Micro SD kártya behelyezése

1. Győződjön meg arról, hogy a műszerfal ki van kapcsolva.
2. Helyezze be félig a Micro-SD kártyát (GOLD érintkezők - hátul) oldal/lencse).
3. Most óvatosan nyomja be a kártyát, amíg kattan és a helyére nem pattan.
4. Csak Class 10, U3 vagy nagyobb sebességű, márkás Micro-SD kártyát szabad használni.

A Micro SD kártya eltávolítása

- A Micro SD kártya eltávolításához óvatosan nyomja befelé a felső szélét, amíg kattan, majd ki nem pattan, majd egyszerűen húzza ki a nyílásból.

FONTOS INFORMÁCIÓK A MEMÓRIAKÁRTYÁVAL KAPCSOLATBAN

1. Ne távolítsa el és ne helyezze be a Micro SD kártyát, amíg a fényképező gép be van kapcsolva, a memóriakártya megsérülhet.

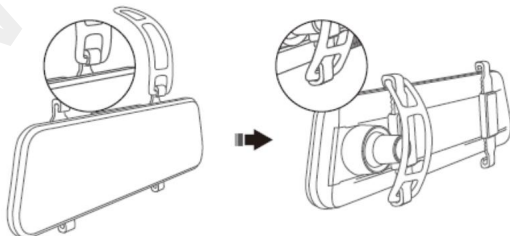
2. Minden alkalommal, amikor Micro SD kártyát helyez be, formázza azt a fényképező gépben, hogy megbizonyosodjon arról, hogy a Micro SD kártya kompatibilis a fényképező géppel.

Elülső kamera telepítése

1. Állítsa le a jármű motorját. Helyezze be a Micro SD kártyát a Micro SD nyílásba. fedélzeti kamerák.

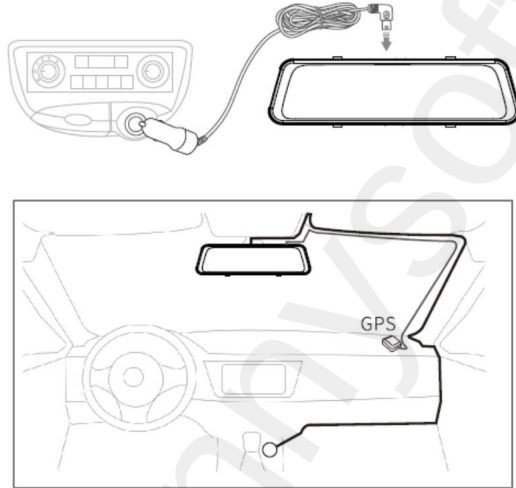
2. Helyezze a gumi rögzítő elemeket a felső rögzítő csatlakozókra (2 féle rögzítő van; azt használja, amelyik megfelelő az autójához). Helyezze a tükrös műszertárat a meglévő visszapillantó tükrökhöz úgy, hogy a kamera lencséje átfedje a visszapillantó tükrök szélét.

Helyezze az alsó gumitartókat a tükrökre, és rögzítse őket az alsó rögzítő csatlakozókhoz.



3. Csatlakoztassa az autó s töltő kábel egyik végét a Mirror Dash Camera tetején található USB bemeneti porthoz. Dugja be az autó s töltő kábel másik végét a jármű ben lévő szivargyújtó aljzatba. Vezesse végig a kábelt a jármű konzolján.

4. Csatlakoztassa a GPS-modult a mű szerfalhoz, távolítsa el a GPS-modul matricáját és helyezze a jármű mű szerfalára.



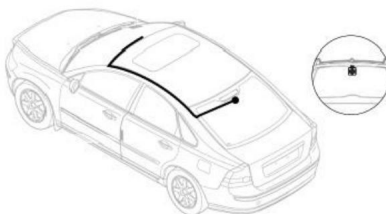
Hátsó kamera beszerelése

A 6 méteres kábellel felszerelt hátlapi kamera az AV-in porton keresztül csatlakozik a mű szerfalhoz. Beszerelés előtt ellenőrizze, hogy a mellékelt kábel elég hosszú-e ahhoz, hogy elérje az autó hátsó kameráját.

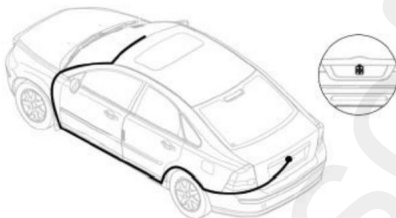
1. A hátsó kamera két helyre szerelhető : hátsó üveg / felül / lajstromjel.

1. pozíció : Szerelje fel a hátsó kamerát a hátsó ablakra.

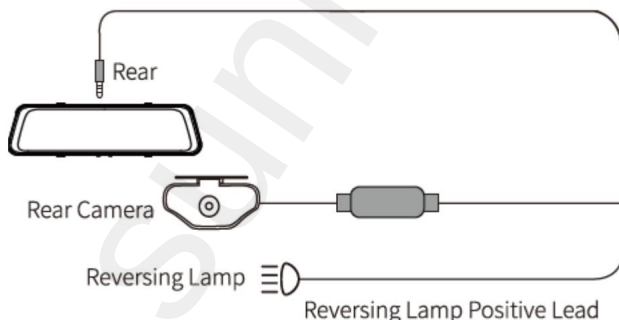
Az 1. pozíció csak hátulnézeti élő közvetítésre szolgál, hátrameneti útmutatásra nem.



2. pozíció (ajánlott): Szerelje fel a hátsó kamerát a rendszámtábla közelébe. Vezesse be a kamera kábelét a jármű belsejébe új lyuk fúrásával, vagy lehetőség szerint a meglévő rendszámtábla világítási lyuk használatával. Két mellékelt csavar és kétoldalas ragasztó szalag tartja a kamerát a helyén. A hátsó kamera képe éles és tiszta mind az autó hátsó részének megfigyeléséhez, mind a tolatási útmutatáshoz.



A tolatási funkció használatához szerelje be a hátsó kamerát a 2-es pozícióba, majd csatlakoztassa a hátsó kamera hosszabbító kábelének piros vezetékét az autó hátrameneti lámpájának anódjához tesztlámpa vagy multiméter segítségével, hogy megállapítsa, melyik vezeték pozitív.



Hátsó – hátsó rész

Hátsó kamera

Tolató lámpa – hátsó lámpa

Tolató lámpa pozitív vezeték

2. Miután csatlakoztatta az összes dugót és a tápfeszültséget, kapcsolja be a gyújtást. Fordítsa hátra az autót, és ha minden megfelelően van csatlakoztatva, a hátsó kamera képe megjelenik a tűkörben.

Jegyzet:

1. A hátsó kamera felszerelése előtt tisztítsa meg a kiválasztott helyet, hogy biztosítsa a ragasztó minőségét.
2. Ha az 1. pozíciót választja, rendszeresen tisztítsa meg a hátsó ablakot képmínőség.
3. Ha a 2-es pozíciót választja, a segítségével telepítheti a hátsó kamerát ragasztott matricák vagy csavarok.
4. Húzza meg a csavarokat, hogy a kamerát a kívánt látószögbe állítsa.

Telepítés

Be/ki

1. Lehető: Indítsa el a motort, és a Mirror Dash Camera bekapcsol. automatikusan bekapcsol; Amikor a motor leáll, a kamera automatikusan kikapcsol.
2. Lehető: Nyomja meg egyszer a készülék bekapcsolásához; és megnyomásával tartva lenyomva 3 másodpercig a készülék kikapcsolásához.

Kapcsolja be/ki a képernyőt

Egyszerűen nyomja meg a bekapcsoló gombot a képernyő kikapcsolásához (de továbbra is készíthet felvételt), amikor a műszerfal be van kapcsolva.

Nyomja meg vagy érintse meg ismét az érintőképernyőt a kamera felébresztéséhez.

MEMÓRIAKÁRTYA FORMÁZÁSA

1. Érintse meg a Beállítások menü megnyitásához.
2. Érintse meg a „Rendszer”, majd a „Formátum” gombot.
3. Érintse meg az „OK” gombot.

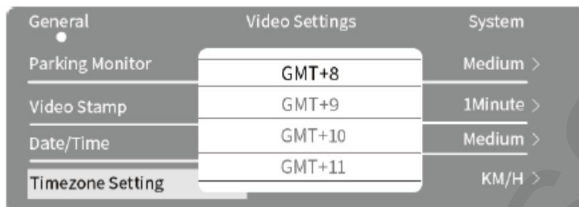
Jegyzet:

1. Ne távolítsa el és ne helyezze be a Micro SD kártyát, amikor a fényképezőgép be van kapcsolva, a memóriakártya megsérülhet.

2. Minden alkalommal, amikor Micro SD kártyát helyez be, formázza azt a fényképező gépben, hogy megbizonyosodjon arról, hogy a Micro SD kártya kompatibilis a fényképező géppel.

Idő zóna, dátum és idő beállítása

1. Csatlakoztassa a GPS-modult.
2. Először állítsa be a GMT értéket.



The screenshot shows the camera's settings menu with three tabs: General, Video Settings, and System. The 'General' tab is selected. The 'Timezone Setting' option is highlighted. The 'Timezone Setting' screen shows a list of GMT offsets: GMT+8, GMT+9, GMT+10, and GMT+11. The 'GMT+8' option is selected.

3. Állítsa be a dátumot és az időt (év - hónap - nap - óra - perc)

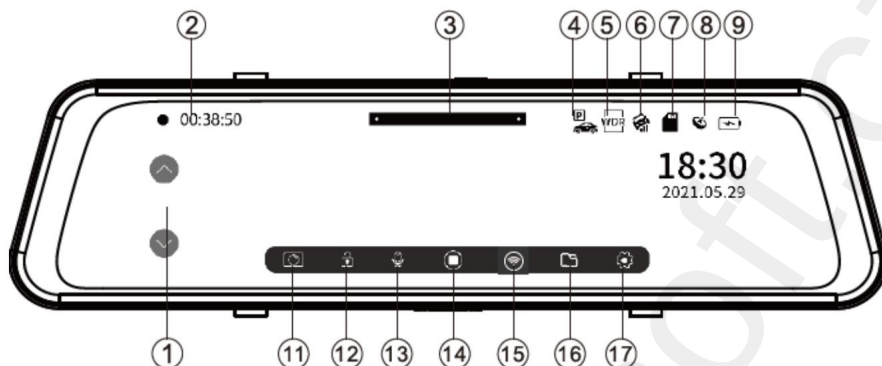


The screenshot shows the camera's 'Date/Time' setting screen. It displays a grid of date and time options. The date is set to 2020, 05, 20. The time is set to 21:15. The 'OK' button is highlighted.

A műszerfal automatikusan frissíti a dátumot és az időt a kiválasztott GMT-érték alapján, amikor GPS-jelet kap.

Megtudhatja: <https://www.timeanddate.com/time/map/>
az Ön tartózkodási helyének megfelelő GMT (Greenwich Mean Time) értéke.

Gomb funkciók



1	Állítsa be a látószöget	A fel/le nyilak megérintésével állítsa be a látószöveget, ez nem működik kettős kamerás megtekintésekor.
2	Felvétel időzítő	Megjeleníti az eltelt felvételi időt.
3	Képernyő fényerejének szabályozása	Csúsztassa a fényerő sávot a képernyő fényerejének növeléséhez vagy csökkentéséhez.
4	Parkolás monitor	Megjeleníti a parkolási mód állapotát.
5	WDR	Megjeleníti a WDR állapotát.
6	G-szenzor	Megjeleníti a G-szenzor állapotát.
7	Micro SD kártya	Megjeleníti a Micro-SD kártya állapotát.
8	GPS	Megjeleníti a GPS állapotát.
9	Akkumulátor	Megjeleníti az akkumulátor állapotát.
10	Dátum/Idő	Megjeleníti a dátumot és az időt.
11	Fénykép készítése	Érintse meg a fénykép elkészítéséhez és a memóriába mentéséhez.
12	Vésszár	Kattintson a nyitott lakat szimbólumra az aktuális videó zárolásához, így azt nem lehet törölni vagy felülírni. A szimbólum megérintésével zárt zárral újra elkezdí a felvételt.
13	Hang	Koppintson a mikrofonra a be- vagy kikapcsoláshoz.
14	Felvétel	Érintse meg a felvétel befejezéséhez és a memóriakártyára mentéséhez.

15	WiFi	Érintse meg a Wi-Fi bekapcsolásához, érintse meg újra a kikapcsolásához.
16	Lejátszás	Kattintson ide, hogy belépjen a rögzített videókat és fényképeket tartalmazó menübe.
17	Beállítások elemre rendszer	Meg kell adnia a rendszerbeállításokat.

Funkció

Általában

Parkoló figyelő – Parkoló figyelő – be/ki (alapértelmezett)

Ha a „Parkoláfigyelő” funkció be van kapcsolva, és csatlakoztatva van a szivargyújtóhoz (tápfeszültség), a műszerfal automatikusan elkezd a videó felvételt körülbelül 60 másodpercig, és ütközés/ütés érzékelésekor lezárja. A műszerfal a belső akkumulátorát (500 mAh) használja az ütések vagy ütések érzékelésére, így támogatja a korlátozott, 60 másodperces videó rögzítési időt. Ez az üzemmód jelentősen megtakarítja az energiát és védi az autóját akkumulátorát.

Ha szeretné használni a 24 órás parkoló figyelőt, lásd alább.

G-szenzor – G-érzékelő – Ki/ Magas/ Közepes (alapértelmezett)/ Ki

A G-szenzor egy háromtengelyes ütközési gravitációs gyorsulásmérő, amelyet a kamerára ható fizikai és gravitációs erő érzékelésére terveztek. Videó rögzítés közben: Abban az esetben, ha a G-szenzor a kamerát érő fizikai vagy gravitációs ütközési erő hatására aktiválódik, a videó fájl aktuális hurokciklus-hossza zárva lesz, így a ciklusciklus funkció NEM törli azt.

Videobélyegző – Videó jel Z – Be (alapértelmezett) / Ki –

Ez a címkemenü lehetővé teszi a címke kiválasztását a videó alján.

Dátum és idő, sebesség, GPS koordináták, AZDOME logó és modell.

Képernyő védő – 1 (alapértelmezett)/3/5 perc/ki

1/3/5 perc: A műszerfal LCD képernyője 1/3/5 perc után kikapcsol, de még rögzíti.

Ki: A mű szerfal LCD-képernyő je mindig be van kapcsolva.

Idő zó na – Idő zó na

A GMT-12-től a GMT+12-es idő zó náig.

Idő /Dátum beállít ása

A dátum és az idő beállít ása.

Gombhang - Ki/Alacsony/Közepes

(alapértelmezett)/Magas

Ezzel a funkció val be-/kikapcsolhatja a kamera gomb hangját és bármilyen hangos megerő sí tést.

Sebesség mértékegysége - KM/H (alapértelmezett)/MPH

Kiválasztása alapján kiválaszthatja a kí vánt sebességbélyegző opció t, amely megjelenik és rögzí thető a videofelvételen.

Frekvencia – 50 Hz/60 Hz (alapértelmezett)

Itt válassza ki a frekvenciát a használt tápegység specifikáció ja szerint az Ön országa földrajzi elhelyezkedése alapján.

60 Hz (USA – É szak-Amerika)

50 Hz (Euró pa – a legtöbb ázsiai ország)

Formátum Emlékeztető – Ki/15 nap/30 nap (alapértelmezett)/60 nap

Ez a funkció lehető vé teszi a FORMÁZÁS EMLÉ KEZTETŐ beállít ását a memó riakártya formázásához. A beállít tást követő en a fényképező gép emlékeztetni fogja a memó riakártya formázására a beállít tott idő közönként.

Parkolási útmutató sor – Parkolási útmutató be

(alapértelmezett)/Ki

Be: A funkció a hátrameneti fokozat bekapcsolásakor aktiváló dik.

A kamera képe megjelenik a mű szerfal képernyő jén a segédvonalal.

Ki: A funkció a hátrameneti fokozat bekapcsolásakor aktiválódik.
A kamera képe megjelenik a műszerfal képernyőjén, de NÉLKÜL
segélyvonalak.

Hátsó videótű kör – Be (alapértelmezett)/Ki

Be: A műszerfal képernyőjén látható kép megegyezik a képernyőn látható képpel
visszapillantótű kör.

Időzírt parkolási mód -
be/ki (alapértelmezett)

Ez a menü CSAK háromvezetékes kábelhez csatlakozva jelenik meg
szilárd vezetés.

Időzírt parkolási mód BE: A műszerfal 1 képkocka/másodperc sebességgel
készíti a fényképeket, és ezeket videóvá egyesíti, ami jelentősen optimalizálja a
memória kártya-használatot.

A 24 órás parkolási mód beállítása

Ha az AZDOME háromvezetékes vezetékes kábelhez csatlakozik, vannak ilyenek
Két 24 órás parkolási mód között választhat:

1. A „Parkolás mód” BE / „Időzírt parkolási mód” KI: A műszerfal korlátlan
számú, 60 másodperces videót rögzít, majd kikapcsol, ha ütközést/ütkést észlel.

Ez a mód ideális, ha:

- Csendes környéken parkol, vagy azt szeretné, hogy mindenki számára hangos legyen
környék.

1) Amikor leállítja a jármű motorját. Ezután a kamera kikapcsol.

2) A műszerfal egy ideig automatikusan elkezd a videó rögzítést
környékbeli 60 másodpercig tart, és bármilyen ütközést/ütkést észlel, lezárja.

3) A jármű következő indításakor a kamera bekapcsol, és automatikusan normál
videórögzítési módba lép – hurok.

2. Ha a „Parkolás mód” ki van kapcsolva / a „Time Lapse Parking Mode” be
van kapcsolva: A műszerfal 1 képkocka/másodperc sebességgel készíti a fényképeket,
és ezeket videóvá egyesíti, ami jelentősen optimalizálja a memória kártya
használatát.

Ez a mód ideális, ha:

- Forgalmas területen parkoltál, ahol nehéz jármű - és gyalogosforgalom zajlik (pl. parkoló egy bevásárló központnál).
- Gyors áttekintést szeretne kapni mindenről, ami a parkoló autójának körében történik.

1) Amikor leállítja a jármű motorját, a kamera LEÁLLÍTTJA a felvételt hurok, és automatikusan időzített parkolási módra lép.

2) Ha ez a Time Lapse Parking Mode be van kapcsolva, és ha valaki beleütközik az autójába, akkor a kamera zárolja a videofájlt, majd elmenti a Micro SD kártya LOCK mappájába, majd lépjen a Time Lapse Parking Mode rögzítési részre.

3) Amikor legközelebb elindítja a járművet, a kamera automatikusan leállítja a Time Lapse Parking módot. Ezután automatikusan átvált normál videó módra - Loop Recording Mode.

Jegyzet::

- A Time Lapse módban lévő videofájlok nagyobb sebességgel játszódnak le, és lejátszás közben nem hallható hang.
- Ha a „Parkolás mód” és a „Time Lapse” funkciók egyidejűleg engedélyezve vannak Parkolás mód”, Időköz parkolási mód élvez elsőbbséget.

Videó beállítások

Videofelbontás - 1440 (alapértelmezett)/1080P30

Lehetővé teszi a kívánt videofelbontás kiválasztását. A nagyobb felbontás és a nagyobb képkockasebesség simább videókat eredményez, de több tárhelyet is foglalnak.

Loop Recording – 1 perc/3 perc (alapértelmezett)/5 perc Lehetővé teszi a folyamatos dashcam rögzítést. Megjegyzés: A műszerfal automatikusan törli a legrégibbi fájlokat, ha a memóriakártya megtelik, hogy folyamatosan rögzítenie tudjon. Itt válassza ki a hurokrögzítéshöz szükséges videofájl hosszát.

WDR – Be (alapértelmezett)/Ki (letiltva)

A Wide Dynamic Range (WDR) javítja az expozíciót azáltal, hogy a túlexpozált és alulexpozált képeket egyetlen robusztus, széles megvilágítási tartományban kombinálja nagyobb mélységélességgel.

Időzített felvétel – be/ki (alapértelmezett)

Az időzített felvételi mód lehetővé teszi, hogy másodpercenként bizonyos képkockákat rögzítsen sokkal alacsonyabb sebességgel. Tehát ha ezeket a képkockákat kombinálja, és normál 30 képkocka/másodperc sebességgel játssza le, minden gyorsabbnak tűnik a time-lapse felvételeken.

Rendszer

Nyelv – Többnyelvű, alapértelmezett angol.

Lehetővé teszi a műszerfal rendszer kívánt nyelvének kiválasztását.

GPS Info – GPS információ

Megjeleníti a műholdak számát, dátumot/idejt, hosszúságot, szélességi fokot, sebességet, irány.

WiFi

Alapértelmezés szerint a WiFi ki van kapcsolva. Ha bekapcsolja a WiFi-t, csatlakozhat az AZDOME alkalmazáshoz, amely letöltődik az alkalmazásba, és a kamera ezután az AZDOME alkalmazásban működik.

Formátum – Formátum

Ez a funkció lehetővé teszi a behelyezett memóriakártya formázását az adatok törlésre kerüléséig.

Javasoljuk, hogy 3 havonta formázza meg a memóriakártyát, hogy tisztán tartsa a problémamentes működés érdekében.

Kérjük, vegye figyelembe, hogy a memóriakártyáknak megvan a saját élettartamuk, mivel sok használat után, amikor újra és újra adatot írnak rájuk, végül a működésük leáll. Ha ez megtörténik, cserélje ki a memóriakártyát.

Beállítások visszaállítása

Itt minden beállítást visszaállít a gyári alapértékekre.

Változat

Itt ellenőrizheti a fényképezőgépére telepített firmware aktuális verzióját. Erre az információra a jövőben szükség lesz annak ellenőrzéséhez, hogy elérhető-e újabb firmware-verzió.

A legújabb firmware-frissítési utasításokért látogasson el a következő címre: <http://www.azdome.hk/downloads.html>.

Rögzített videó lejátszása

Két lehetőség van a rögzített videó lejátszására.

1. Műszerkamerán

Kattintson a mappa szimbólumra  a Playback Menu (Visszajátszás menü) megnyitásához



6 mappa jelenik meg.

Elülő vészhelyzeti videó: az elülő kamera által rögzített vészhelyzeti videók, de nem íráshatók felül.

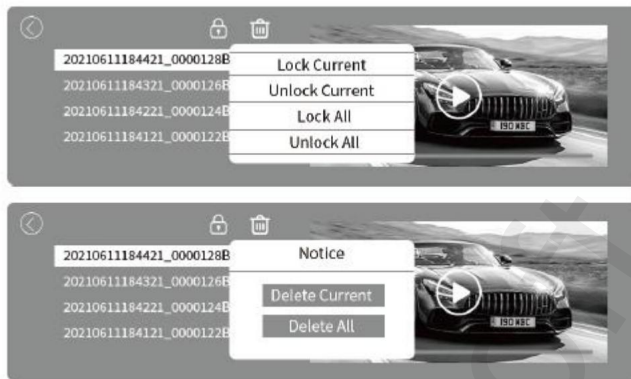
Hátsó vészhelyzeti videó: a hátsó kamera által rögzített vészhelyzeti videók, de nem íráshatók felül.

Elülő normál videó: az elülő kamera által rögzített videók.

Hátsó normál videó: a hátulról rögzített videók kamera.

Elülő fotó: az előlapi kamerával készült fénykép.

Hátsó fotó: a hátsó kamerával készült fénykép.



Tipppek:

1. Érintse meg a 2. ⏪ visszatér az előző felületre.
Érintse meg a 3. ⏮/⏭ videófájl lejátszása/szüneteltetése.
Érintse meg a gombot az éppen rögzített videó manuális zárolásához/feloldásához,
így biztosítva, hogy NEM írja felül vagy törölje.
4. Érintse meg a gombot a kiválasztott fájl vagy az ÖSSZES fájl törléséhez.

Jegyzet:

A fényképmappa nem zárolható.

2. A számítógépen

1. Vegye ki a Micro SD kártyát a fényképezőgépből, és helyezze be közvetlenül a laptopjába, ha rendelkezik Micro SD kártyanyílással (ellenkező esetben használjon Micro SD kártyaolvasót).

2. Látnia kell a „D” vagy „E” meghajtót, vagy más nevet, az előre telepített merevlemez-meghajtóktól függően. Miután megtalálta a hozzáadott flash meghajtót, kattintson rá duplán, és látni fogja a fájlokat tartalmazó mappákat -

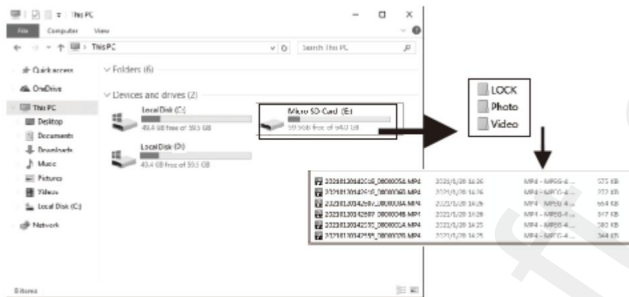
Film/LOCK/Fotó

Film: hurokolt videófájlok, amelyek felülírhatóak.

LOCK: Olyan videófájl, amely zárolva van, így a hurokrögzítés funkció nem tudja törölni.

Fotó: Fényképek feltöltésére szolgál.

3. Ezután egyszerűen kattintson duplán a videóra a lejátszáshoz.



Az A betű vel végző dő fájlnevek az elő lapi kamerával készü ltek.
A B betű vel végző dő fájlneveket a hátsó kamerával vettü k.

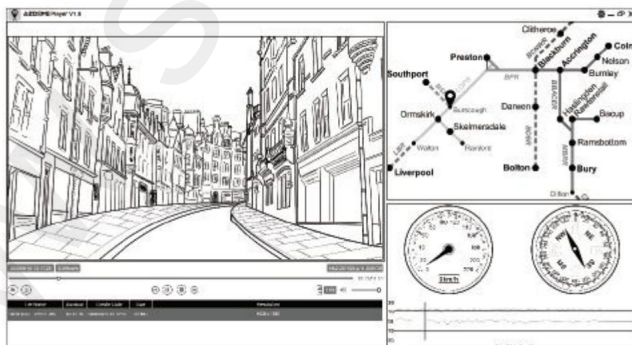
GPS adatlejátszó szoftver telepí tése (csak PC/MAC)

1. Látogasson el a www.azdome.hk/downloads webhelyre, és töltsse le az AZDOME Playert (32 bites/64 bites Windows vagy macOS rendszerhez).

2. Telepí tse az AZDOME Playert a laptopjára,
lásd lentebb a képeket.

3. Játsszon le videofájlokat az AZDOME Playerrel, látni fogja az autó útvonalát a Google térképen.

AZDOME mű szaki támogatás: service@azdome.hk



Kérdések és válaszok

1. kérdés: Miért van fejfel lefelé a hátsó kamera képe a képernyőn?

Szokásának megfelelően használja a "Backup Cam Mirror Image" funkciót.

2. kérdés: A hátsó kamera rossz képminőségű

A legvalószínűbb ok egyszerűen egy piszkos lencse.

Mivel sok kamera alacsonyban van felszerelve az autó hátuljára, ki vannak téve sár, hó, szennyező és egyéb törmelék miatt.

Szerencsére a javítás egyszerű: tisztítsa meg a lencsét egy puha ruhával (hogyan elkerülje a lencse megkarcolását).

Ha továbbra sem működik, küldjön egy e-mailt a címre service@azdome.hk.

3. kérdés: A műszerfal forró

Igen! Egy ilyen kaliberű műszerfal egy csúcskategóriás eszköz.

Ha műszaki szempontból gondolja át a dolgot, a kiváló minőségű Full HD videók rögzítéséhez nagy mennyiségű számítógépes feldolgozási teljesítményre van szükség. A hő az összes végbemenő adatfeldolgozás mellékterméke.

De nem kell aggódnia. Maga a Dash Cam tok valószínűleg hűtőbordaként használatos (figyelje meg a szép szellőzőnyílásokat), ezért észreveheti, hogy tapintásra meleg vagy forró. Ne aggódjon, ez normális, és AZDOME eszköze úgy működik, ahogy kell.

4. kérdés: A videolejátszás a számítógépen késik.

Ön a videófájlok nagy sebességű verzióját nézi. A számítógép általános konfigurációja gondot okozhat a gyorsabb adatfeldolgozással.

Kérjük, töltsön fel videókat alacsonyabb felbontásban, és próbálja újra. Ha a probléma továbbra is fennáll, forduljon hozzánk.

5. kérdés: Miért nem tudja a műszerkamera rögzíteni a GPS-jelet?

1. A járműtől és a helytől függően előfordulhat, hogy a GPS-jel blokkolható a járműben lévő egyéb elektronikus eszközök erős rádióinterferenciája miatt,

felhő s/eső s idő vagy hegyek, alagutak, magas épü letek az út mindkét oldalán stb.

2. Ellenő rizze, hogy a GPS mű ködik-e úgy, hogy eltávolí tja a GPS-modult az autó ból.
Ha mű ködik, akkor erő s interferenciának kell lennie az autó ban, például erő s autó robbanó membrán, fémtárgy stb.

NYILATKOZAT

Az AZDOME Streaming Mirror Dash Camera jármű vezető i asszisztensként használható, NEM VÁLLAL felelő sséget a jármű vezetéséért a vezető tő l.
A jogi felelő sség és a biztonságos vezetés elvei mindig a vezető é maradnak.

Őn beleegyezik a termék használatába, és tudomásul veszi, hogy csak segédeszközként használható. Nyomatékosan javasoljuk, hogy ezt a terméket szakszerű en telepí tse, hogy biztosí tsa a rendeltetésszerű funkcióját. Abban az esetben, ha meggondolja magát a termék megvásárlásával vagy visszakü ldésével kapcsolatban, a vállalat semmilyen mó don NEM vállal felelő sséget a jármű vön végzett lyukakért vagy szerelési mó dosí tásokért.

É RTESÍ TÉ S

- Ezt a terméket semmilyen körü lmények között ne tegye ki eső nek, nedvességnek vagy ví z, ellenkező esetben kí vü lrő l vagy belü lrő l megsérü l.

- Ne helyezze a készüléket nedves környezetbe. Ez a készülék nem nedvességálló nak tervezték.

- Ne kí sérelje meg felnyitni vagy saját maga megjaví tani a fedelet.
Ha bármilyen probléma adó dik a készülék tartozékaival, forduljon a kereskedő höz segí tségért.

- Ne tegye ki a készüléket túlzott hő nek, pornak, és ne használjon semmilyen vegyszert vagy tisztí tó oldó szert a tisztí tásához.

- Ne használja vagy telepí tse a kamerát vezetés közben, és ne kí sérelje meg megváltoztatni a beállí tásokat stb. Elő ször térjen le az útról, és csak akkor tegye ezt, ha biztonságosan megteheti.

- Ne ejtse le, ne szúrja ki, szerelje szét vagy dobja tű zbe ezt a terméket. Akkumulátort tartalmaz, és helytelen kezelés esetén felrobbanhat.

- Ne használja a töltőt, ha a kábel eltört vagy sérült.

Gyermekek elől elzárva tartandó.

- Ne hagyja a fényképező gépet huzamosabb ideig közvetlen napfényben, vagy olyan helyen, ahol a hőmérséklet meghaladhatja a 60°C-ot (140°F).

- Ha nem használja a kamerát, javasoljuk, hogy vegye ki a járműből.

Ezzel elkerülhető a lopás vagy a túlzott hő hatásnak való kitétel, hogy elkerülje a készülék károsodását.

Elosztó

Sunnysoft sro

Kovanecka 2390/1a

190 00 Prága 9

Csehország

www.sunnysoft.cz

Owner's Manual

AR09



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•» WARRANTY & CUSTOMER SUPPORT

We provide 12-Month of limited warranty for your product from the date of purchase to be free from defects in materials and craftsmanship.

For questions, support, or warranty claims, contact us at **info2@azdome.hk** with you Order Number. If you can provide the photos or video to show your problem we will be appreciated.

IMPORTANT: Proof of original purchase (Online order receipt is also accepted) is required for any warranty service. AZDOME can only provide after sales service for products purchased directly from AZDOME. If you have purchased from a different seller, please contact them directly for service or warranty issues.



info2@azdome.hk

•» NOTICE

Please read and understand warnings & safety instructions before operating.

- ① Make sure to always keep the camera plugged into the power, because camera's internal battery is NOT meant to last more than 3-5 minutes depending on the video resolution you choose.
- ② You will need to insert a memory card before you can start recording. Please insert only a brand name Class-10 or above higher speed Micro-SD card.
- ③ Before first time use, you MUST format the memory card in the camera to prevent any errors and for smooth operation.
- ④ Setting Date & Time: Please set the correct date and time, please refer to page EN-14.

» SPECIFICATION

Model	AR09
Mic/Speaker	Built In
Photo Format	JPG
Video Format	MP4
Video Resolution	Front:1440P;1080P Rear: 1080P
Memory Card	Class 10 or above high-speed Micro SD card
Car Inverter DC	5V/3.0A
Relative Humidity	10%-70%
Battery	500mAh lithium battery
WiFi	Yes. AZDOME APP
GPS Track	Support, need to connect GPS Module
Loop Recording	Support
Motion Detection	No
Parking Monitor	Support, 24 hours Parking Monitor need to connect 3-lead hard-wire kit

» PACKING LIST



Mirror Dash cam



Rear Dash cam (6M cable)



USB Car Charger
(3.5M Cable)



4 Rubber Fasteners



5 x Cable Clips



Wire Trim Tool



Anti-glare Screen Film



User Manual



Cleaning Cloth

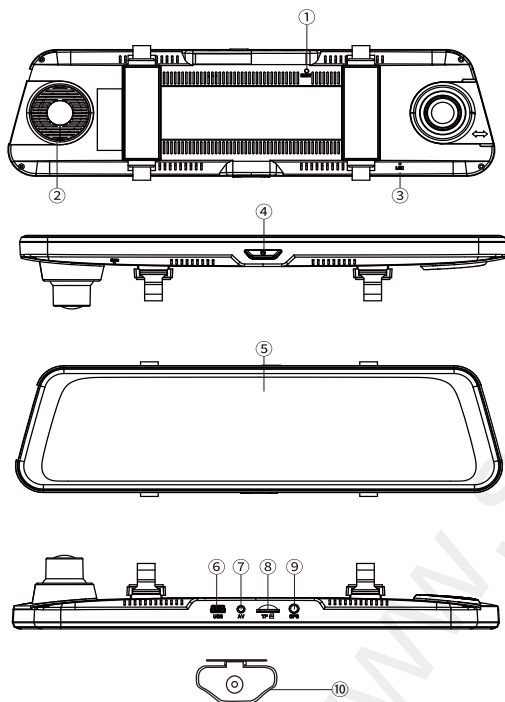


Dry Wet Cloth Pack

Note

- To improve the performance of the product, the contents of this manual are subject to change without prior notice.

» PRODUCT DIAGRAM



#	Component	Description
1	Reset	Insert a pin to 'RESET' hole to reboot when device is Not Responding
2	Speaker	Built in speaker
3	Microphone	Records audio
4	Power Key	-Press once to turn on device -Press and hold 3 seconds to turn off device -Short press to turn off/on screen when recording
5	Screen	Touching Screen
6	Mini USB Port	Connect to MINI USB cable & charge battery
7	AV-IN	Connect to rear camera
8	Micro SD Card Slot	Support Micro SD, Class 10 or above, U3 high-speed
9	GPS	Check your route when you playback the videos Via AZDOME Player
10	Rear Camera	Records rear side

» INSTALLATION

Install Micro SD Card

1. Make sure the dash cam is turned OFF.
2. Insert the Micro-SD Card half way in (GOLD Contacts - Facing the Back/Lens Side)
3. Now gently push the card in until it clicks & looks in place.
4. Must use only Brand Name, Class-10, U3 or higher speed Micro-SD Card.

Remove Micro SD Card

-To remove the Micro SD card, gently push its top edge inward until it clicks, and then pops out, then simply pull it out of the slot.

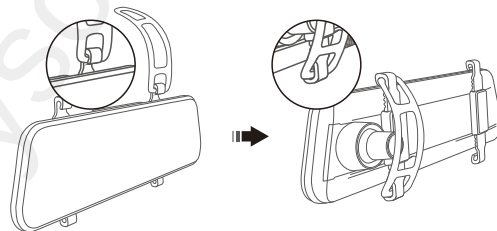
MOST IMPORTANT about Memory CARD

1. Do not remove or insert Micro SD card when the camera is powered on which may damage the memory card.
2. Every time you insert a Micro SD card, please format it in the camera to ensure that the microSD card is compatible with the camera.

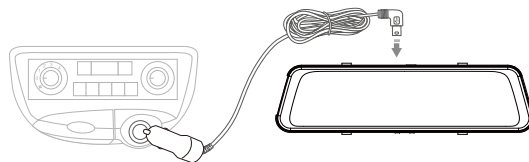
Front Camera Installation

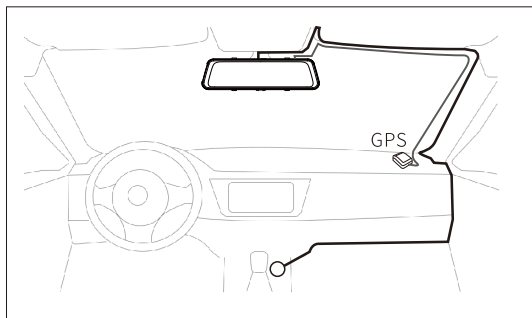
1. Turn off the car's engine. Insert a Micro SD card into the Micro SD slot of the dash cam.

2. Loop the rubber fasteners over the top fastener clips (There are 2 types of fasteners; please use which ever suits your car; Put the mirror dash cam in position on the front face of your existing rear view mirror ensuring the camera lens clears the edge of your rear view mirror. Loop the bottom rubber fasteners over the mirror and attached to the bottom fastener clip.



3. Connect one end of Car Charger cable to the USB Input port on the topside of Mirror Dash Camera. Plug the other end of the Car Charger cable to the Cigarette Lighter Receptacle in the vehicle. Run the cable along your vehicles console.
4. Connect the GPS module to the dash cam, tear off the sticker of GPS module and place it on the car dashboard.





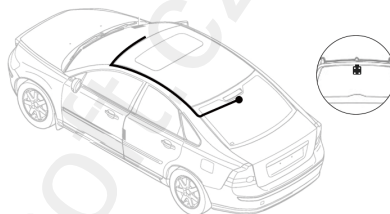
Rear Camera Installation

The rear camera equipped with a 6-meter cable is to connect to the dash-cam via AV IN port. Before installation, please check if the provided cable is long enough to reach the rear cam in your car.

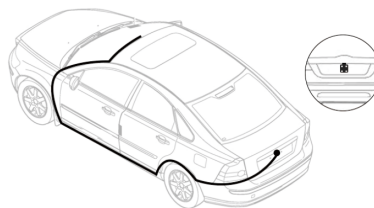
1. There are two locations for mounting the rear camera: rear windshield / above the number plate.

Position 1: Install the rear camera on the rear windshield.

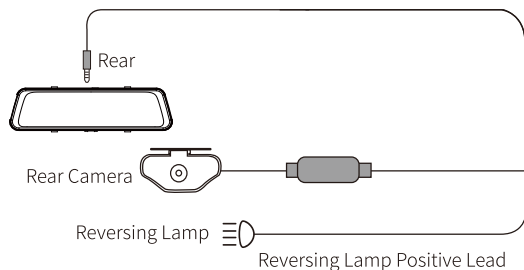
Position 1 is designed for live stream rear review only, not for reversing guide.



Position 2 (Recommended): Install the rear camera near the license plate. Feed the camera wire through to the interior of the vehicle either by drilling a new hole; or using the existing hole for the number plate light if possible. The two included screws and double-sided tape will hold the camera in place. The rear camera image is crisp and clear for both rear viewing and reversing guide.



To use the reversing function, install the rear camera in position 2, then connect the red cable of the rear camera extension cable to the anode of the car reversing lamp by using a test light or multimeter to determine which wire is positive.



2. Once all of the plugs are connected and power connections are made. Switch on the ignition. Shift the gear into reverse, and if all is wired correctly; the rear camera image will appear in your mirror.

Note

- ① Please clean the position to ensure the adhesive quality before install the rear camera.
- ② Please clean the rear windshield regularly to ensure the image quality if choose the position 1.
- ③ If choose the position 2, you can install the rear camera with the included adhesive sticker or screws.
- ④ Please fasten the screws to adjust the desired camera view angle.

▶ **GET STARTED**

Power On/Off

Option 1: Start the engine to automatically power on the Mirror Dash Camera; stop the engine to automatically power it off.

Option 2: Press once to turn on device; Press and hold 3 seconds to turn off device.

Screen On/Off

Simply press the Power Button once to switch the screen off (But can still recording) when the mirror dash cam is ON; Press it again or tap the touch screen to wake up the camera.

FORMATTING MEMORY CARD

1. Touch  to enter the Settings Menu.
2. Touch "System" and touch "Format".
4. Touch "OK".

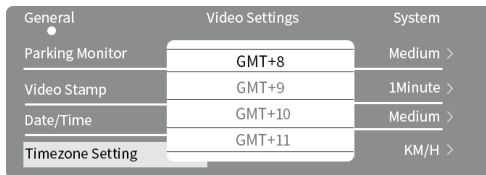
Note

1. Do not remove or insert Micro SD card when the camera is powered on which may damage the memory card.
2. Every time you insert a Micro SD card, please format it in the camera to ensure that the microSD card is compatible with the camera.

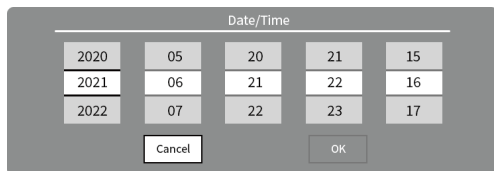
SETTING TIMEZONE AND DATE/TIME

① Please connect GPS module.

② Set the GMT value first.



③ Set the Date/Time: Year-Month-Day-Hour-Minute

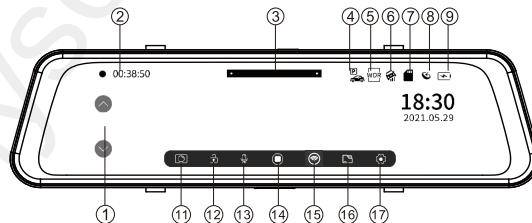


The dash camera will updated the date and time based on the GMT value selection automatically when it receives the GPS signal .

	British Winter Time	British Summer Time
UK Time Zones	GMT/UTC +1	GMT/UTC ±0

Go to <https://www.timeanddate.com/time/map/> to find out your Correct GMT (Greenwich Mean Time) value based on your location.

» BUTTON FUNCTION



#	Description	Feature
1	Adjust View Angle	Tap to adjust view angle, can't work when dual camera display
2	Recording timer	Shows the elapsed recording time
3	Screen Brightness Control	Slide the brightness bar to increase or decrease the screen brightness
4	Parking Monitor	Shows the parking mode status
5	WDR	Shows the WDR status
6	G-sensor	Show the G-sensor status

7	MicroSDCard	Show the Micro SDCard status
8	GPS	Show the GPS status
9	Battery	Shows the status of Battery
10	Date/Time	Shows the date and time
11	PhotoShooting	Tap  to capture a photo and save it to the memory card
12	EmergencyLock	Tap  to manually lock the current video that is recording to make sure it will NOT being overwritten or deleted; Tap  to start recording again
13	Audio	Tap  to mute/unmute the microphone
14	Recording	Tap  to end & save the recording into the memory card
15	WiFi	Tap  to turn on WiFi Tap again, turn off wifi
16	Playback	Tap  to enter playback menu and check all videos or photos saved
17	System Setting	Tap  to enter system setting menu

FUNCTION

General

Parking Monitor — On/Off(Default)

If connected to cigarette lighter to supply power, with "Parking Monitor" function enabled, dash cam automatically starts recording a video for around 60s and lock it when any collision/ impact detected. Dash cam use its internal battery(500mAh) to detect any knock or bump so supports limited times of recording a 60-second video. This mode greatly saves energy and protects your car battery.

If you want to use 24-hours Parking Monitor please take refer to Page EN-14

G-sensor — Off/ High/ Medium(Default)/ Off

G-Sensor is a 3-axis impact gravitational accelerometer which is designed to detect physical and gravitational forces on the camera. While Video is Being Recorded: In the event when G-Sensor is triggered due to physical or gravitational impact force on the camera, the current loop cycle length of video file will be locked so it will NOT be deleted by loop cycle function.

Video Stamp — On(Default)/Off

This stamps menu allows you to choose your choice of stamps for the bottom of the video. Date & Time, speed, GPS Coordinates, AZDOME Logo and model.

Screen Saver — 1(Default)/3/5 minutes/ Off

1/3/5 minutes: The dash cam LCD screen will turn off after 1/3/5 minutes, but still recording.

Off: The dash cam LCD screen will always on.

Timezone

From GMT-12 to GMT+12 timezone.

Time/Date Setting

To set the date & time.

Button Sound — Off/ Low/ Medium(Default)/High

This feature allows you to turn ON/OFF camera button's beep sound & any voice confirmation.

Speed Unit— KM/H(Default)/MPH

You can choose desired speed option stamp to be displayed and recorded on video stamp based on your selection.

Frequency — 50HZ/ 60HZ(Default)

Here you should choose the frequency accordingly to your power supply specification used in your country based on your geographical location.

60 Hz (USA – North America)

50 Hz (Europe – Most Asian Countries)

Format Remind — Off/ 15days/ 30days(Default)/ 60days

This feature allows you to set a FORMAT REMINDER to format your memory card. Once set, the camera will remind you to format your memory card at a set interval.

Parking Guide Line — On(Default)/Off

On: The function is activated when the reverse gear is selected.

The camera image is shown on the dash cam screen with assistance line.

Off: The function is activated when the reverse gear is selected.

The camera image is shown on the dash cam screen but NO assistance line.

Rear Video Mirror — On(Default)/Off

On: The image on the dash cam screen matches that of your rear-view mirror.

Time Lapse Parking Mode — On/Off(Default)

This menu will be shown when ONLY connected to 3-lead hardwire kit.

Time Lapse Parking Mode ON: Dash cam will capture photos at 1 frame per 1s, and stitches them into a video which greatly optimizes the use of memory card.

How to set 24-hours Parking Mode

If you connect to AZDOME 3-lead hard wire kit, here are two 24-hours Parking Modes that you can select from:

1. When function “Parking Mode” ON / “Time Lapse Parking Mode” OFF: Dash cam will record unlimited times of a 60-seconds video then power off whenever detecting collision/impact.

This mode is ideal if you: Parked in a quiet area or want audio in all circumstances

① When you turn OFF the car’s engine. Then the camera will also power off.

② Dash cam automatically starts recording a video for around 60s and lock it when any collision/impact detected

③ When you start your car for the next time, the camera will power on and goes into normal video - Loop Recording Mode automatically.

2. When “Parking Mode” OFF / “Time Lapse Parking Mode” ON: Dash cam will capture photos at 1 frame per 1s, and stitches

them into a video which greatly optimizes the use of memory card.

This mode is ideal if you :

-Parked in a busy area with lots of vehicle and foot traffic (ie. mall parking lot)

-Want to have a quick overview of everything that happens around your parked car.

① When you turn OFF the car’s engine. Then the camera will STOP the Loop Recording and it will go into the Time Lapse Parking Mode automatically.

② While this Time Lapse Parking Mode is being recorded, If someone hits your car, then the camera will lock the video file, then saved in LOCK folder of Micro SD card > then go on Time Lapse Parking Mode recording.

③ When you start your car for the next time, the camera will automatically STOP the Time Lapse Parking Mode. Then it will go into normal video - Loop Recording Mode automatically.

NOTE:

-The Time Lapse Mode video files plays at faster speed and NO audio when playback.

-If function “Parking Mode” and “Time Lapse Parking Mode” are ON simultaneously, the Time Lapse Parking Mode will be the priority

Video Settings

Video Resolution — 1440(Default)/1080P30

Allow to choose the desired video resolution. Higher resolution and fps videos result in smoother videos, but also take more storage space.

Loop Recording — 1min/ 3mins(Default)/ 5mins

Allow the dash-cam to continuously record. Please notice: the dash-cam will keep deleting the oldest files automatically when memory card gets full so that it can keep recording over and over. Here select the length of video file for the loop recording.

WDR — On(Default)/Off

Wide Dynamic Range (WDR) improves the exposure by taking the combinations of over exposed and under exposed image into one robust wide range of lighting with higher depth image.

Time-lapse Record — On/Off(Default)

Time Lapse recording mode allows you to capture specific images per second at a much lower rate. So when you combine and play those images at the normal 30fps rate, everything seems to be moving faster in time lapse.

System

Language — Multilingual, default English.

Allow to choose your desired language for dash-cam system.

GPS Info

Show the satellite numbers, Date/Time, Longitude, Latitude, Speed, Direction.

WiFi

Default turn off WiFi. If turn on WiFi, it can connect AZDOME APP which download on APP and operation on AZDOME APP.

Format

This feature will allow you to format inserted memory card, all the data will be deleted.

We recommend that you format the memory card every 3 months to keep it clean for smooth operation.

Please note that memory cards have their self life span, after so many uses of writing data over and over, eventually they will become inoperable. When that happens, please replace your memory card.

your camera. You will need this information in the future to check if newer version of firmware is available.

Please visit: <http://www.azdome.hk/downloads.html> for latest firmware upgrade instructions.

Reset Settings

Here you can restore all the settings to factory default settings.

Version

Here you can check the current firmware version installed on

» PLAYBACK RECORDED VIDEOS

There are 2 different way you can access your videos.

A. On Dash Camera

Tap  to enter Playback Menu, you will see six folders.



Front emergency video : emergency videos recorded captured by front camera but can't be overwritten

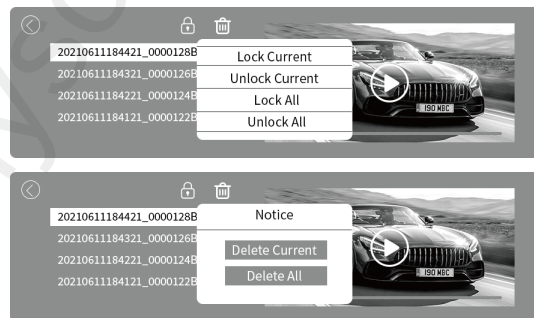
Rear emergency video : emergency videos recorded captured by rear camera but can't be overwritten

Front normal video : videos recorded captured by front camera

Rear normal video : videos recorded captured by rear camera

Front photo : photos captured by front camera

Rear photo : photos captured by rear camera



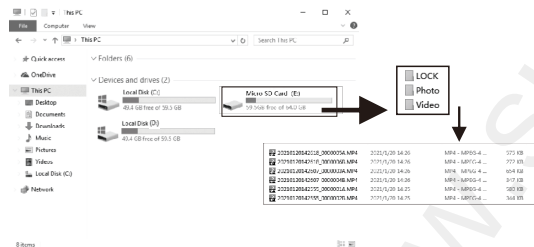
Tips

1. Tap  to return to the previous interface
2. Tap  to play/pause the video file.
3. Tap  to manually lock/unlock the current video that is recording to make sure it will or NOT being overwritten or deleted. recording to make sure it will or NOT being overwritten or deleted.
4. Tap  to delete the selected file or ALL files.

Note: The photo file can NOT be locked.

B. On Computer

1. Please remove the Micro SD card from camera and insert it directly in your laptop if you have a Micro SD Card slot (otherwise please using a Micro SD Card reader).
2. You should be able to see drive "D" or "E" or other name depending on the pre-installed hard drives. Once you find the added flash drive, double click in it, then you will see the file folders- Movie / LOCK / Photo
- Movie: The loop recording video files that can be overwritten.
- LOCK: The video file will be locked so it will NOT be deleted by loop recording function.
- Photo: The pictures
3. Then simply double click on the video to play them.



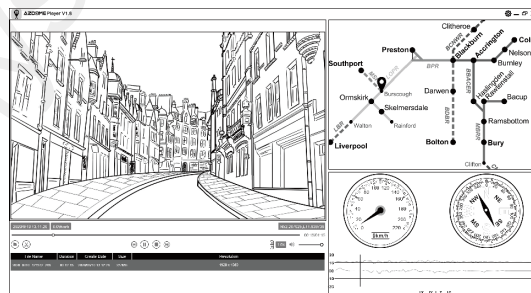
File named *****A=videos or photo captured by front camera

File named *****B=videos or photo captured by rear camera

GPS PLAYER SOFTWARE INSTALLATION (PC/MAC ONLY)

1. Go to our website www.azdome.hk/downloads to download the AZDOME Player (For Windows32bits/64bits or macOS)
2. Install the AZDOME Player in your laptop, photo as below;
3. Play the video files by AZDOME Player, you can see the car route on Google Map.

AZDOME Tech Support : service@azdome.hk



» FAQ

Q1:Why the rear cam image is converse on the screen?

According to your habit, please use the function called “Backup Cam Mirror Image” .

Q2:Poor image quality of rear cam

The most likely cause is simply a dirty lens. Since many cameras are mounted low on the back of the car, they're subject to being obscured by mud, snow, dirt or other debris. Luckily, the fix is easy: Clean the lens with a soft cloth (to prevent scratching the lens).

If still doesn't work, please e-mail to service@azdome.hk with order number.

Q3:Dash cam will be hot

Yep! A dash cam of this caliber is a pretty high-tech piece of equipment. When you think about it from an engineering perspective, capturing high quality full HD video takes a large amount of computer processing power. Heat is the by-product of all that data processing that is going on.

But not to worry.The case of the Dash cam itself is actually used as a heat-sink (notice the nice vents), so that's why you may notice it is warm or hot to the touch. Don't worry, this is normal,

and your AZDOME is operating as designed.

Q4:My Video playback on PC is lagging.

You are viewing high-bit rate version of video files. General computer configuration may have problem with faster data processing. Please record videos at lower resolution and try again. Contact us if problem still exists.

Q5:Why dash cam can't get the GPS signal?

1. Depending on the vehicle and the location of the GPS signal can be blocked due to strong radio interference of other electronic devices in the car, the cloudy/rainy weather or mountains, tunnels, tall buildings on both sides of road etc.
2. Please check if GPS works by taking the GPS Module from the car to outside. If it works then there must be a heavy interference in the car, for example thick car Explosion-proof membrane, metal item and etc.

» DISCLAIMER

AZDOME Streaming Mirror Dash Camera is designed to be use as a driver's assistant, it dose NOT remove the responsibility of driving the vehicle from the driver. The legal responsibility and safe driving practice always remains with the driver.

You agree to use this product and understand that this is to be used as aid only. We highly recommend that you have this product professionally installed to ensure that it will provide the function it is set out to perform. In case of you change your mind or return of this product, company is NOT responsible in anyway for the holes or installation modifications made to your vehicle.

•» WARNINGS

- Do not expose this product to rain, moisture or water under any circumstances or it will result in external or internal damage.
- Do not put the unit in a damp environment. This device is not designed to be damp proof.
- Do not try to open the cover or try to repair it yourself. If the accessories for this device have any problem, please contact the seller for assistance.
- Do not expose this device to an excessive heat, dust or use any chemical substance or cleaning solvent to clean this device.
- Do not operate or install the camera while driving, or attempt to change any setting etc. Pull off the road first and only do so when it is safe.
- Do not drop, puncture or disassemble this product or dispose it on fire. It contains Battery and can explode if improperly

handled.

- Do not use the charger if the cord is broken or damaged. Keep out of reach of children.
- Do not leave the camera in the direct sunlight for a long period of time or where temperature could go above 140°F (60°C).
- Removing the camera from the vehicle when not in use is recommended. This prevents likelihood of theft or exposure to excessive heat to prevent damage to unit.

Uživatelský manuál
AR09
Instrukcii



AZDOME

Enjoy Your Smart Driving

Моля, прочетете внимателно това ръководство преди първа употреба.

Запазете ръководството за бъдещи справки.

Показаните изображения и илюстрации може да варират в зависимост от модела на устройството.

ГАРАНЦИЯ И КЛИЕНТСКА ПОДДРЪЖКА

За запитвания, поддръжка или оплаквания, моля, свържете се с нас на info@azdome.hk. Ако можете да предоставите снимки или видеоклипове, които показват вашия проблем, ще бъдем благодарни.

ЗАБЕЛЕЖКА

Прочетете предупрежденията и инструкциите за безопасност преди употреба.

1. Уверете се, че камерата винаги е свързана към захранването, тъй като вътрешната батерия на камерата НЕ е проектирана да издържа повече от 3-5 минути в зависимост от избраната видео резолюция.

2. Трябва да поставите карта с памет, преди да започнете записа.

Поставете само маркова Micro-SD карта със скорост от клас 10 или по-висока.

3. ТРЯБВА да форматирате картата с памет във фотоапарата преди първа употреба, за да предотвратите възможни грешки и да осигурите безпроблемна работа. трафик.

4. Настройки за дата и час: Задайте правилната дата и час, вижте страница 14.

Спецификации

Модел	AR09
Микрофон/Високоговорител	Вградена
Формат на снимката	JPG
Видео формат	MP4
Видео резолюция	Предна: 1440 Px, 1080 Px; Задна част: 1080P
Карта с памет	Micro-SD, клас 10 или по-висок
Захранване	5V/3A
Работна влажност	10 – 70%
Батерия	500 mAh, литиев
Wi-Fi	Да, приложението AZDOME
GPS	Поддържа, изисква се GPS модул
Циклично записване	Поддържа
Откриване на движение	не
Монитор за паркиране	Поддържа, изисква се монтаж на комплект

Съдържание на опаковката



предна камера

задна камера с държач • залепващи държачи за кабели
и кабел 6м

монтажен лост



антирефлексно фолио



инструкции



плат



Комплект за почистване



• захранващ кабел 340см



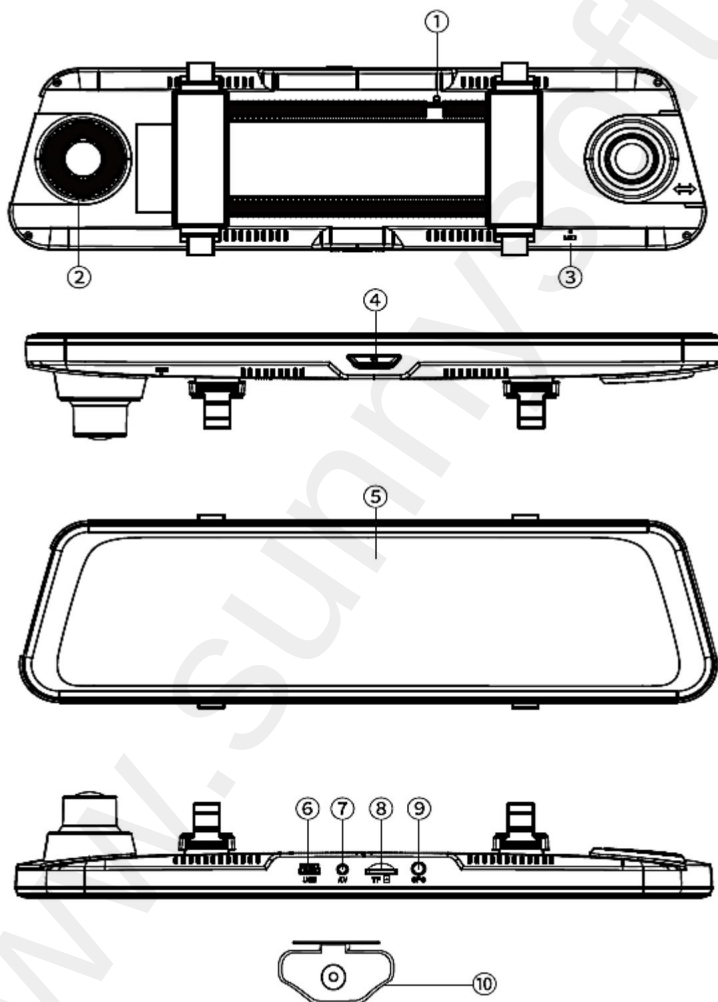
2 комплекта ластичи

Забележка: За да се подобри производителността на продукта, съдържанието на това ръководство подлежи на промяна без предизвестие.

Диаграма на продукта

1	Нулиране	Поставете щифта в отвора „RESET“, за да рестартирате, когато устройството не реагира
2	Високоговорител Вграден високоговорител	
3	Микрофон	Записване на звук
4	Бутон за захранване	-Едно натискане за включване на устройството - Натиснете и задръжте за 3 секунди, за да изключите устройството -Кратко натискане за изключване/включване на екрана по време на запис
5	екран	Сензорен екран
6	MiniUSB порт	Свържете към MINI USB кабел и заредете батерията
7	AV вход	Свързване към задната камера

8	Micro SD слот	Поддържа Micro SD, Class 10 или по-висок, U3 висока скорост
9	GPS	Проверка на маршрута при възпроизвеждане на видеоклипове чрез AZDOME Player
10	Задна камера	Записва задната част



Монтаж

Инсталиране на Micro SD карта

1. Уверете се, че видеорегистраторът е изключен.
2. Поставете Micro-SD картата наполовина (ЗЛАТНИТЕ контакти - към гърба) страна/обектив).
3. Сега внимателно натиснете картата навътре, докато щракне и се заключи на място.
4. Трябва да се използва само маркова Micro-SD карта с Class 10, U3 или по-висока скорост.

Премахване на Micro SD картата

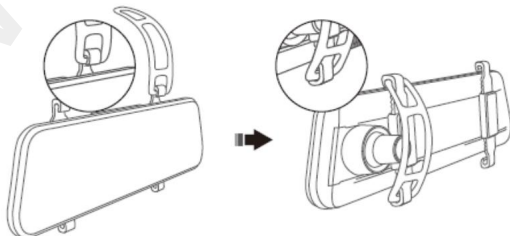
- За да извадите Micro SD картата, внимателно натиснете горния ѝ ръб навътре, докато щракне и след това изскочи, след което просто го издърпайте от слота.

ВАЖНА ИНФОРМАЦИЯ ЗА КАРТАТА ПАМЕТ

1. Не изваждайте и не поставяйте Micro SD картата, докато камерата е включена, картата с памет може да се повреди.
2. Всеки път, когато поставите Micro SD карта, я форматирайте във фотоапарата, за да уверете се, че Micro SD картата е съвместима с камерата.

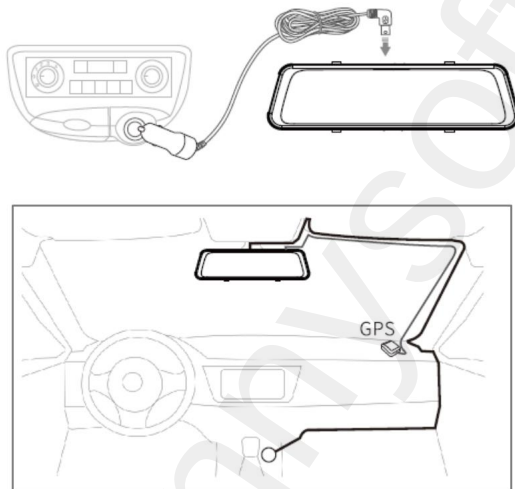
Монтаж на предна камера

1. Изключете двигателя на автомобила. Поставете Micro SD картата в Micro SD слота. бордови камери.
2. Поставете гумените крепежни елементи върху горните монтажни скоби (Има 2 вида крепежни елементи; използвайте този, който е подходящ за вашия автомобил). Поставете камерата на огледалното табло отпред на вашето съществуващо огледало за обратно виждане, така че обективът на камерата да припокрива ръба на огледалото за обратно виждане. Поставете долните гумени опори върху огледалото и ги прикрепете към долната скоба за монтаж.



3. Свържете единия край на кабела на зарядното за кола към входния USB порт в горната част на огледалната камера. Включете другия край на кабела на зарядното за кола в гнездото на запалката на автомобила. Прокарайте кабела покрай конзолата на автомобила.

4. Свържете GPS модула към видеорегистратора, отстранете стикера на GPS модула и го поставете на таблото на автомобила.



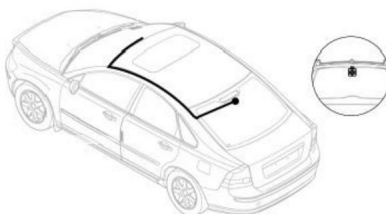
Монтаж на задна камера

Задната камера, снабдена с 6-метров кабел, се свързва към видеорегистратора чрез AV-in порта. Преди инсталиране проверете дали предоставеният кабел е достатъчно дълъг, за да достигне задната камера в колата ви.

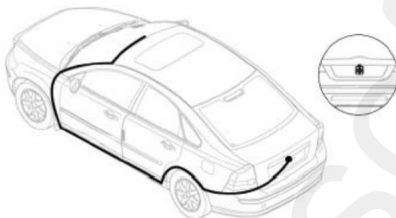
1. Има две места за монтиране на задната камера: задно стъкло / отгоре регистрационен знак.

Позиция 1: Инсталирайте задната камера на задния прозорец.

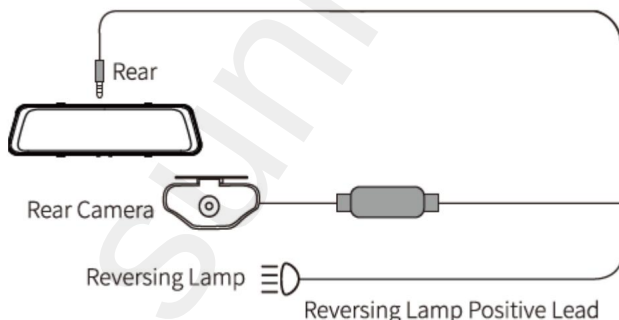
Позиция 1 е само за поточно предаване на живо със задно виждане, а не за насочване при заден ход.



Позиция 2 (препоръчително): Инсталирайте задната камера близо до регистрационния номер. Прекарайте кабела на камерата в интериора на автомобила, като пробийте нов отвор или използвайте съществуващия отвор за осветление на регистрационния номер, ако е възможно. Два включени винта и двустранна лента държат камерата на място. Изображението от задната камера е рязко и ясно както за наблюдение на задната част на автомобила, така и за насочване при движение на заден ход.



За да използвате функцията за заден ход, инсталирайте задната камера в позиция 2 и след това свържете червения проводник на удължителния кабел на задната камера към анода на светлината за заден ход на автомобила, като използвате тестова лампа или мултицет, за да определите кой проводник е положителен.



Задна – задна част

Задна камера

Лампа за заден ход – задна светлина

Положителен кабел на лампата за заден ход

2. След като свържете всички щепсели и захранване, включете запалването.

Поставете колата на заден ход и ако всичко е свързано правилно, изображението от задната камера ще се появи в огледалото.

Забележка:

1. Преди да инсталирате задната камера, почистете избраното място, за да се уверите в качеството на лепилото.
2. Ако изберете позиция 1, почиствайте редовно задното стъкло, за да сте сигурни качество на изображението.
3. Ако изберете позиция 2, можете да инсталирате задната камера с помощта на прикрепени стикери или винтове.
4. Затегнете винтовете, за да настроите камерата на желаня ъгъл на гледане.

Монтаж

Включване/изключване

Вариант 1: Стартирайте двигателя и огледалната камера ще се включи. автоматично се включва; Когато двигателят спре, камерата се изключва автоматично.

Вариант 2: Натиснете веднъж, за да включите устройството; като натиснете и задръжте за 3 секунди, за да изключите устройството.

Включване/изключване на екрана

Просто натиснете веднъж бутона за захранване, за да изключите екрана (но все пак можете да записвате), когато камерата на регистрационното табло е включена.

Натиснете или докоснете сензорния екран отново, за да събудите камерата.

ФОРМАТИРАНЕ НА КАРТА ПАМЕТ

1. Докоснете, за да влезете в менюто с настройки.
2. Докоснете „Система“ и след това докоснете „Форматиране“.
3. Докоснете бутона “OK”.

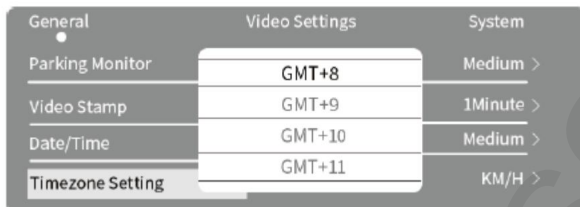
Забележка:

1. Не изваждайте и не поставяйте Micro SD картата, докато камерата е включена, картата с памет може да се повреди.

2. Всеки път, когато поставяте Micro SD картата, я форматирайте във фотоапарата, за да сте сигурни уверете се, че Micro SD картата е съвместима с камерата.

Настройка на часова зона, дата и час

1. Свържете GPS модула.
2. Първо задайте GMT стойността.



The screenshot shows a settings menu with three tabs: General, Video Settings, and System. The Video Settings tab is active. It contains a list of settings: Parking Monitor, Video Stamp, Date/Time, and Timezone Setting. The Timezone Setting is currently set to GMT+8. Other options include GMT+9, GMT+10, and GMT+11. The System tab shows Medium, 1Minute, Medium, and KM/H options.

General	Video Settings	System
Parking Monitor	GMT+8	Medium >
Video Stamp	GMT+9	1Minute >
Date/Time	GMT+10	Medium >
Timezone Setting	GMT+11	KM/H >

3. Задайте дата и час (година – месец – ден – час – минута)



The screenshot shows a Date/Time selection screen. It has a grid of buttons for selecting the year, month, day, hour, and minute. The year is 2020, month is 05, day is 20, hour is 21, and minute is 15. There are Cancel and OK buttons at the bottom.

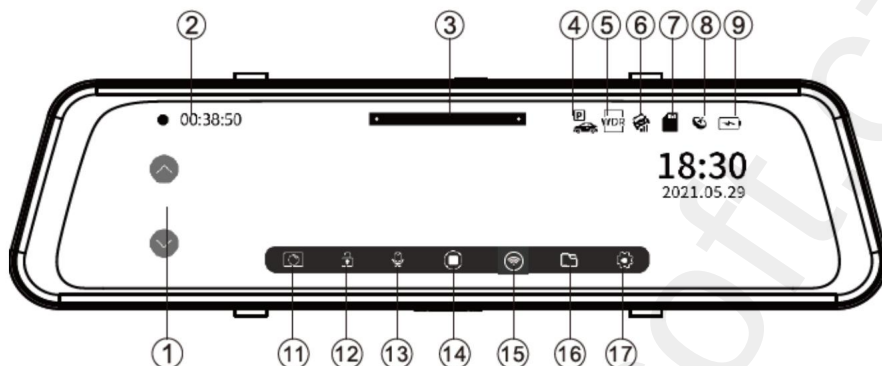
Date/Time				
2020	05	20	21	15
2021	06	21	22	16
2022	07	22	23	17

Cancel OK

Видеорегистраторът автоматично актуализира датата и часа въз основа на GMT стойността, която сте избрали, когато получи GPS сигнал.

Можете да разберете на <https://www.timeanddate.com/time/map/> правилната стойност на GMT (средно време по Гринуич) според вашето местоположение.

Функции на бутоните



1	Регулирайте ъгъла на гледане	Докоснете стрелките нагоре/надолу, за да регулирате ъгъла на гледане, не може да работи при гледане на двойна камера.
2	Таймер за запис	Показва изминалото време за запис.
3	Контрол на яркостта на екрана	Плъзнете лентата за яркост, за да увеличите или намалите яркостта на екрана.
4	Паркинг монитор	Показва състоянието на режима на паркиране.
5	WDR	Показва състоянието на WDR.
6	G-сензор	Показва състоянието на G-сензора.
7	Micro SD карта	Показва състоянието на Micro-SD картата.
8	GPS	Показва GPS статус.
9	Батерия	Показва състоянието на батерията.
10	Дата/Час	Показва датата и часа.
11	Правене на снимка	Докоснете, за да направите снимка и да я запишете в паметта.
12	Аварийно заключване	Щракнете върху символа за отворена ключалка, за да заключите текущия видеоклип, така че да не може да бъде изтрит или презаписан. Чрез докосване на символа ще започнете да записвате отново със затворена ключалка.
13	Звук	Докоснете микрофона, за да го включите или изключите.
14	Записване	Докоснете, за да прекратите записа и да го запишете на картата с памет.

15	WiFi	Докоснете, за да включите Wi-Fi, докоснете отново, за да го изключите.
16	Възпроизвеждане	Кликнете, за да влезете в менюто със записани видеоклипове и направени снимки.
17	Настройки система	Ще влезете в системните настройки.

функция

Като цяло

Монитор за паркиране – Монитор за паркиране – вкл./изкл. (по подразбиране)

Когато функцията „Паркинг монитор“ е включена и свързана към запалката (захранване), камерата автоматично ще започне да записва видео за приблизително 60 секунди и ще го заключи, когато бъде открит сблъсък/удар. Видеорегистраторът използва вътрешната си батерия (500 mAh), за да открие всеки удар или удар, така че поддържа ограничено време за запис на видео от 60 секунди. Този режим значително пести енергия и предпазва батерията на вашия автомобил.

Ако искате да използвате 24-часовия паркинг монитор, вижте по-долу.

G-сензор – G-сензор - Изкл./ Висок/ Среден (по подразбиране)/ Изкл

G-сензорът е триосен гравитационен акселерометър, предназначен да открива физически и гравитационни сили, действащи върху камерата. По време на видеозапис: В случай, че G-сензорът се задейства поради сила на физическо или гравитационно въздействие върху камерата, текущата дължина на цикличния цикъл на видео файла ще бъде заключена, така че НЯМА да бъде изтрит от функцията за цикличен цикъл.

Видео печат – Видео знак Z- Вкл. (по подразбиране) / Изкл.

Това меню за тагове ви позволява да избирате тагове в долната част на видеоклипа.

Дата и час, скорост, GPS координати, лого и модел на AZDOME.

Скринсейвър - 1 (по подразбиране)/3/5 минути/изкл

1/3/5 минути: LCD екранът на камерата за управление ще се изключи след 1/3/5 минути, но все още записва.

Изкл.: LCD екранът на камерата за управление винаги ще бъде включен.

Часова зона – Часова зона

От GMT-12 до GMT+12 часова зона.

Настройка на час/дата

Настройка на дата и час.

Звук на бутоните - Изкл./Нисък/Среден

(по подразбиране)/Високо

Тази функция ви позволява да включвате/изключвате звука на бутоните на камерата и всяко гласово потвърждение.

Единица за скорост - КМ/Н (по подразбиране)/MPH

Въз основа на избора си можете да изберете желаната опция за печат за скорост, която ще бъде показана и записана на видеозаписа.

Честота - 50 Hz/60 Hz (по подразбиране)

Тук трябва да изберете честотата според използваната спецификация на захранването в вашата страна въз основа на вашето географско местоположение.

60 Hz (САЩ - Северна Америка)

50 Hz (Европа - повечето азиатски страни)

Напомняне за формат - Изкл./15 дни/30 дни (по подразбиране)/60 дни

Тази функция ви позволява да зададете FORMAT REMINDER за форматиране на картата с памет. След настройка камерата ще ви напомня да форматирате картата с памет на зададения интервал.

Насочваща линия за паркиране – Насочващата линия за паркиране е включена (по подразбиране)/Изкл

Вкл.: Функцията се активира при включване на задна предавка.

Изображението от камерата се показва на екрана на камерата с помощната линия.

Изкл.: Функцията се активира при включване на задна предавка.

Изображението от камерата ще се покаже на екрана на камерата за управление, но БЕЗ линии за помощ.

Задно видео огледало - Вкл. (по подразбиране)/Изкл

Вкл.: Изображението на екрана на камерата за управление съответства на изображението в огледало за обратно виждане.

Режим на паркиране с изтичане на времето -
вкл./изкл. (по подразбиране)

Това меню се появява САМО когато е свързан към трипроводен комплект солидно лидерство.

Time Lapse Parking Mode ON: Камерата за управление ще прави снимки със скорост 1 кадър за 1 секунда и ще ги комбинира във видео, което значително оптимизира използването на картата с памет.

Как да зададете 24-часов режим на паркиране

Ако се свържете към комплекта с три проводника AZDOME, има
Има два режима на 24-часово паркиране, от които можете да избирате:

1. При ВКЛЮЧЕН "Режим на паркиране" / "Режим на паркиране с изтичане на времето"

ИЗКЛЮЧЕН: Камерата за регистрационно управление ще записва неограничен брой от 60 секунди видео и след това ще се изключва всеки път, когато открие сблъсък/удар.

Този режим е идеален, ако:

- Паркирал си в тих район или искаш да има звук за всички
обстоятелства.

1) Когато изключите двигателя на автомобила. След това камерата се изключва.

2) Видеорегистраторът автоматично ще започне да записва видео за период от
приблизително 60 секунди и го заключва, когато открие сблъсък/удар.

3) Следващият път, когато автомобилът бъде стартиран, камерата ще се включи и
автоматично ще влезе в режим на нормален видеозапис - цикъл.

2. Когато "Режим на паркиране" е изключен / "Режим на паркиране с изтичане на
времето" е включен: Камерата за управление ще прави снимки със скорост 1 кадър за 1 секунда
и ще ги комбинира във видео, което значително оптимизира използването на картата с памет.

Този режим е идеален, ако:

- Паркирал си в оживена зона с тежък автомобилен и пешеходен трафик

(напр. паркинг в търговски център).

- Искате да имате бърз преглед на всичко, което се случва около паркираната ви кола.

1) Когато изключите двигателя на автомобила, камерата СПИРА да записва зацикля и автоматично влиза в режим на паркиране с изтичане на времето.

2) Ако този режим на паркиране през интервал е активиран, ако някой се блъсне в колата ви, тогава камерата ще заключи видеофайла, след което ще го запише в папката LOCK на Micro SD картата > след това отидете на запис в режим на паркиране в интервал.

3) Следващият път, когато стартирате автомобила, камерата автоматично ще спре режима за паркиране с интервал. След това автоматично ще превключи на нормален видео режим - Loop Recording Mode.

Забележка ::

- Видео файловете в режим Time Lapse се възпроизвеждат с по-висока скорост и не се използват звук по време на възпроизвеждане.

- Ако функциите "Режим на паркиране" и "Изтичане на времето" са активирани едновременно Режим на паркиране", Режимът на паркиране с изтичане на времето ще има предимство.

Видео настройки

Видео резолюция - 1440 (по подразбиране)/1080P30

Позволява ви да изберете желаната видео резолюция. По-високата разделителна способност и по-високата честота на кадрите водят до по-плавни видеоклипове, но също така заемат повече място за съхранение.

Циклично записване - 1 мин./3 мин. (по подразбиране)/5 мин. Позволява непрекъснат запис на видеорегистратор. Забележка: Видеорегистраторът автоматично ще изтрие най-старите файлове, когато картата с памет е пълна, за да може да записва непрекъснато. Тук изберете дължината на видео файла за цикличен запис.

WDR - Вкл. (по подразбиране)/Изкл. (деактивирано)

Широкият динамичен обхват (WDR) подобрява експонацията чрез комбиниране на преекспонирани и недостатъчно експонирани изображения в един стабилен широк диапазон на осветление с по-голяма дълбочина на полето.

Time-lapse Record - вкл./изкл. (по подразбиране)

Режимът на запис с изтичане на времето ви позволява да заснемате конкретни кадри в секунда с много по-ниска скорост. Така че, когато комбинирате тези кадри и ги възпроизвеждате с нормалната скорост от 30 кадъра в секунда, всичко изглежда се движи по-бързо в кадрите с изтичане на времето.

СИСТЕМА

Език - многоезичен, английски по подразбиране.

Позволява ви да изберете желан език за системата за видеорегистратор.

GPS информация - GPS информация

Показва сателитни номера, дата/час, дължина, ширина, скорост, посока.

WiFi

По подразбиране WiFi е изключен. Ако включите WiFi, той може да се свърже с приложението AZDOME, което се изтегля в приложението и след това камерата работи в приложението AZDOME.

Формат - Формат

Тази функция ви позволява да форматира поставената карта с памет, всички данните ще бъдат изтрети.

Препоръчваме да форматирате картата с памет на всеки 3 месеца, за да я поддържате чиста за безпроблемна работа.

Моля, имайте предвид, че картите с памет имат свой собствен живот, след много употреби, при които данните се записват върху тях отново и отново, те в крайна сметка ще станат неработещи. Ако това се случи, сменете картата с памет.

Нулиране на настройките

Тук можете да възстановите всички настройки до фабричните настройки.

Версия

Тук можете да проверите текущата версия на фърмуера, инсталиран на вашия фотоапарат. Тази информация ще ви е необходима в бъдеще, за да проверите дали е налична по-нова версия на фърмуера.

За най-новите инструкции за актуализиране на фърмуера, моля, посетете: <http://www.azdome.hk/downloads.html>.

Възпроизвеждане на записани видеоклипове

Има две опции за възпроизвеждане на заснетото видео.

1. На видеорегистратор

Кликнете върху символа на папка  за да влезете в менюто за възпроизвеждане



Ще се покажат 6 папки.

Предно аварийно видео: аварийни видеоклипове, записани от предната камера, но не могат да бъдат презаписани.

Задно аварийно видео: аварийни видеоклипове, записани от задната камера, но не могат да бъдат презаписани.

Предно нормално видео: видеоклипове, записани от предната камера.

Задно нормално видео: видеоклипове, записани отзад камера.

Предна снимка: снимка, направена с предната камера.

Задна снимка: снимка, направена със задна камера.



Съвети:

1. Докоснете 2.  ще се върнете към предишния интерфейс

Докоснете 3.  възпроизвеждане/пауза на видео файл.

Докоснете, за да заключите/отключите ръчно текущия видеоклип, който се записва, за да сте сигурни, че той **НЯМА** да бъде презаписан или изтрит.

4. Докоснете, за да изтриете избрания файл или **ВСИЧКИ** файлове.

Забележка:

Папката със снимки не може да бъде заключена.

2. На вашия

компютър 1. Извадете Micro SD картата от камерата и я поставете директно във вашия лаптоп, ако имате слот за Micro SD карта (в противен случай използвайте четец на Micro SD карта).

2. Трябва да видите устройство "D" или "E" или друго име в зависимост от предварително инсталираните твърди дискове. След като намерите добавената флашка, кликнете два пъти върху нея, след което ще видите папките с файлове -

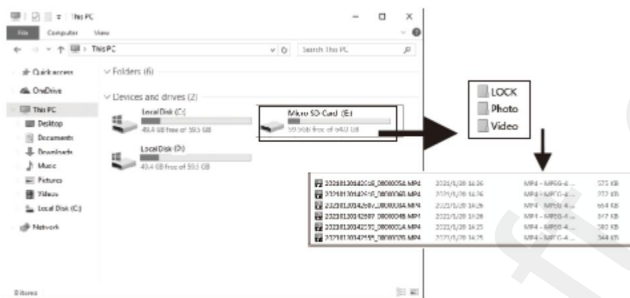
Филм/ЗАКЛЮЧВАНЕ/Снимка

Филм: Зациклени видео файлове, които могат да бъдат презаписани.

LOCK: Видео файл, който е заключен, така че функцията за цикличен запис **НЕ МОЖЕ** да го изтрие.

Снимка: Използва се за качване на снимки.

3. След това просто щракнете двукратно върху видеоклипа, за да го възпроизведете.



Имената на файловете, завършващи с буквата A, са заснети с предната камера.
Имената на файловете, завършващи с буквата B, са заснети със задната камера.

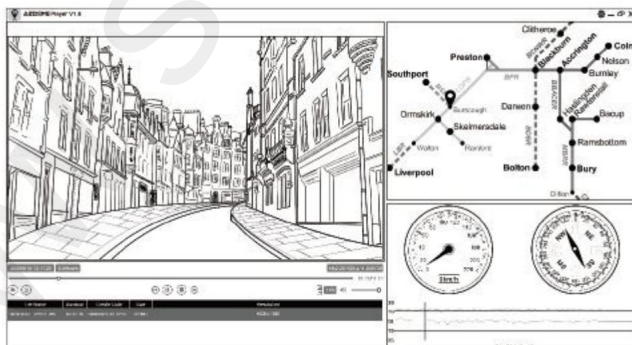
Инсталиране на софтуер за възпроизвеждане на GPS данни (само за PC/MAC)

1. Отидете на нашия уебсайт www.azdome.hk/downloads и изтеглете AZDOME Player (за Windows 32bits/64bits или macOS).

2. Инсталирайте AZDOME Player на вашия лаптоп, вижте снимките по-долу.

3. Пуснете видео файлове с AZDOME Player, ще видите маршрута на колата на картата на Google.

Техническа поддръжка на AZDOME: service@azdome.hk



Въпроси и отговори

Въпрос 1: Защо изображението от задната камера на екрана е обърнато?

Според навика си използвайте функцията, наречена "Резервно огледално изображение на камера".

Въпрос 2: Лошо качество на изображението на задната камера

Най-вероятната причина е просто мръсен обектив.

Тъй като много камери са монтирани ниско в задната част на автомобила, те са обект на зацапване от кал, сняг, мръсотия или други отломки.

За щастие поправката е лесна: почистете обектива с мека кърпа (за да избегнете надраскване на обектива).

Ако все още не работи, изпратете имейл на service@azdome.hk.

Въпрос 3: Видеорегистраторът е горещ

да Видеорегистратор от този калибър е устройство от доста висок клас.

Когато мислите за това от техническа гледна точка, заснемането на висококачествено Full HD видео изисква голямо количество компютърна процесорна мощност. Топлината е страничен продукт от цялата обработка на данни, която се извършва.

Но не е нужно да се притеснявате. Самият калъф на Dash Cam всъщност се използва като радиатор (обърнете внимание на хубавите вентилационни отвори), така че може да забележите, че се чувства топъл или горещ на допир. Не се притеснявайте, това е нормално и вашето устройство AZDOME работи както трябва.

Въпрос 4: Възпроизвеждането на видео на компютъра ми забавя.

Преглеждате версия на видео файловете с висок битрейт. Общата конфигурация на компютъра може да има проблем с по-бързата обработка на данни.

Моля, качете видеоклипове с по-ниска резолюция и опитайте отново. Ако проблемът продължава, моля свържете се с нас.

Въпрос 5: Защо камерата на таблото не може да улови GPS сигнала?

1. В зависимост от автомобила и местоположението, GPS сигналът може да бъде блокиран поради силни радиосмущения от други електронни устройства в автомобила,

облачно/дъждовно време или планини, тунели, високи сгради от двете страни на пътя и др.

2. Проверете дали GPS работи, като премахнете GPS модула от колата.

Ако работи, тогава трябва да има силна намеса в колата, например силна мембрана за експлозия на кола, метален предмет и т.н.

ДЕКЛАРАЦИЯ

AZDOME Streaming Mirror Dash Camera е предназначена да се използва като асистент на водача, тя НЕ ПОЕМА отговорност за управлението на превозното средство от водача.

Правната отговорност и принципите за безопасно шофиране винаги остават на водача.

Вие се съгласявате да използвате този продукт и разбирате, че той трябва да се използва само като помощно средство. Ние силно препоръчваме този продукт да бъде инсталиран професионално, за да се гарантира, че той изпълнява функцията, за която е предназначен. В случай, че промените решението си относно закупуването на този продукт или го върнете, компанията НЕ носи отговорност по никакъв начин за каквито и да било дупки или модификации на инсталацията, направени на вашия автомобил.

ЗАБЕЛЕЖКА

- При никакви обстоятелства този продукт не трябва да се излага на дъжд, влага или вода, в противен случай ще се повреди външно или вътрешно.

- Не поставяйте устройството във влажна среда. Това устройство не е проектирано да бъде устойчив на влага.

- Не се опитвайте да отваряте капака или да го ремонтирате сами.

Ако възникне проблем с аксесоарите на това устройство, моля, свържете се с вашия дилър за съдействие.

- Не излагайте това устройство на прекомерна топлина, прах и не използвайте химикали или почистващи разтворители, за да го почистите.

- Не използвайте и не инсталирайте камерата, докато шофирате, или се опитвайте да промените каквито и да е настройки и т.н. Отбийте първо от пътя и го направете само когато е безопасно.

- Не изпускайте, не пробивайте, не разглобявайте и не изхвърляйте този продукт в огън. Съдържа батерия и може да експлодира при неправилно боравене.

- Не използвайте зарядното устройство, ако кабелът е счупен или повреден.

Да се пази от деца.

- Не оставяйте фотоапарата на пряка слънчева светлина за продължителни периоди от време или на места, където температурата може да надвиши 60°C (140°F).

- Ако не използвате камерата, препоръчваме да я премахнете от автомобила.

Това ще предотврати вероятността от кражба или излагане на прекомерна топлина, за да предотврати повреда на устройството.

Дистрибутор
Sunnysoft sro
Кованечка 2390/1a
190 00 Прага 9
Чехия
www.sunnysoft.cz

Owner's Manual

AR09



KAKA GROUP LTD
www.azdome.hk info2@azdome.hk
Address : Room 102, Building 1, No.1 Longcheng Street, Qingxi Town,
Dongguan, Guangdong, 523660, CN



V2.0

AZDOME

Enjoy Your Smart Driving

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•» WARRANTY & CUSTOMER SUPPORT

We provide 12-Month of limited warranty for your product from the date of purchase to be free from defects in materials and craftsmanship.

For questions, support, or warranty claims, contact us at **info2@azdome.hk** with you Order Number. If you can provide the photos or video to show your problem we will be appreciated.
IMPORTANT: Proof of original purchase (Online order receipt is also accepted) is required for any warranty service. AZDOME can only provide after sales service for products purchased directly from AZDOME. If you have purchased from a different seller, please contact them directly for service or warranty issues.



info2@azdome.hk

•» NOTICE

Please read and understand warnings & safety instructions before operating.

- ① Make sure to always keep the camera plugged into the power, because camera's internal battery is NOT meant to last more than 3-5 minutes depending on the video resolution you choose.
- ② You will need to insert a memory card before you can start recording. Please insert only a brand name Class-10 or above higher speed Micro-SD card.
- ③ Before first time use, you MUST format the memory card in the camera to prevent any errors and for smooth operation.
- ④ Setting Date & Time: Please set the correct date and time, please refer to page EN-14.

» SPECIFICATION

Model	AR09
Mic/Speaker	Built In
Photo Format	JPG
Video Format	MP4
Video Resolution	Front:1440P;1080P Rear: 1080P
Memory Card	Class 10 or above high-speed Micro SD card
Car Inverter DC	5V/3.0A
Relative Humidity	10%-70%
Battery	500mAh lithium battery
WiFi	Yes. AZDOME APP
GPS Track	Support, need to connect GPS Module
Loop Recording	Support
Motion Detection	No
Parking Monitor	Support, 24 hours Parking Monitor need to connect 3-lead hard-wire kit

» PACKING LIST



Mirror Dash cam



Rear Dash cam (6M cable)



USB Car Charger
(3.5M Cable)



4 Rubber Fasteners



5 x Cable Clips



Wire Trim Tool



Anti-glare Screen Film



User Manual



Cleaning Cloth

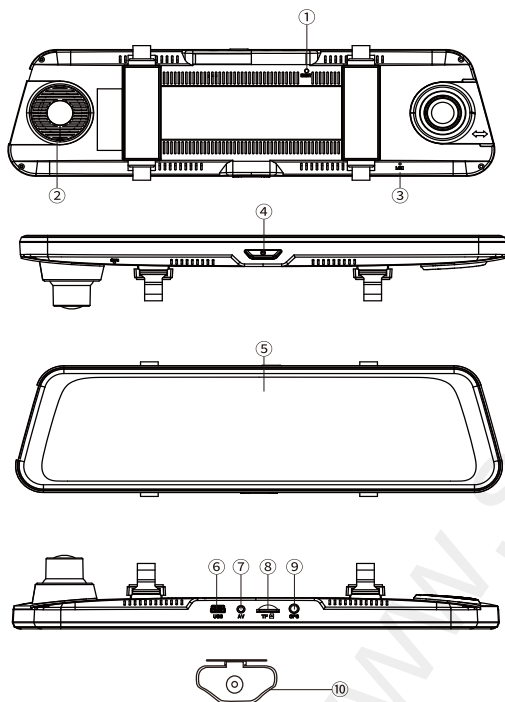


Dry Wet Cloth Pack

Note

• To improve the performance of the product, the contents of this manual are subject to change without prior notice.

» PRODUCT DIAGRAM



#	Component	Description
1	Reset	Insert a pin to 'RESET' hole to reboot when device is Not Responding
2	Speaker	Built in speaker
3	Microphone	Records audio
4	Power Key	-Press once to turn on device -Press and hold 3 seconds to turn off device -Short press to turn off/on screen when recording
5	Screen	Touching Screen
6	Mini USB Port	Connect to MINI USB cable & charge battery
7	AV-IN	Connect to rear camera
8	Micro SD Card Slot	Support Micro SD, Class 10 or above, U3 high-speed
9	GPS	Check your route when you playback the videos Via AZDOME Player
10	Rear Camera	Records rear side

» INSTALLATION

Install Micro SD Card

1. Make sure the dash cam is turned OFF.
2. Insert the Micro-SD Card half way in (GOLD Contacts - Facing the Back/Lens Side)
3. Now gently push the card in until it clicks & looks in place.
4. Must use only Brand Name, Class-10, U3 or higher speed Micro-SD Card.

Remove Micro SD Card

-To remove the Micro SD card, gently push its top edge inward until it clicks, and then pops out, then simply pull it out of the slot.

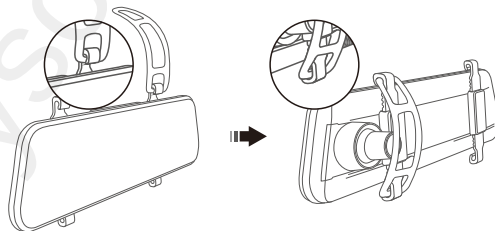
MOST IMPORTANT about Memory CARD

1. Do not remove or insert Micro SD card when the camera is powered on which may damage the memory card.
2. Every time you insert a Micro SD card, please format it in the camera to ensure that the microSD card is compatible with the camera.

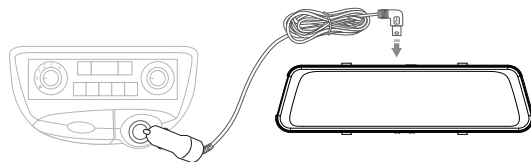
Front Camera Installation

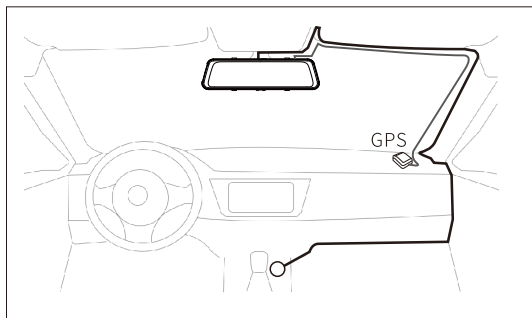
1. Turn off the car's engine. Insert a Micro SD card into the Micro SD slot of the dash cam.

2. Loop the rubber fasteners over the top fastener clips (There are 2 types of fasteners; please use which ever suits your car; Put the mirror dash cam in position on the front face of your existing rear view mirror ensuring the camera lens clears the edge of your rear view mirror. Loop the bottom rubber fasteners over the mirror and attached to the bottom fastener clip.



3. Connect one end of Car Charger cable to the USB Input port on the topside of Mirror Dash Camera. Plug the other end of the Car Charger cable to the Cigarette Lighter Receptacle in the vehicle. Run the cable along your vehicles console.
4. Connect the GPS module to the dash cam, tear off the sticker of GPS module and place it on the car dashboard.





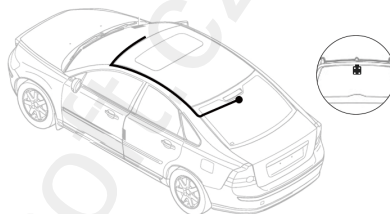
Rear Camera Installation

The rear camera equipped with a 6-meter cable is to connect to the dash-cam via AV IN port. Before installation, please check if the provided cable is long enough to reach the rear cam in your car.

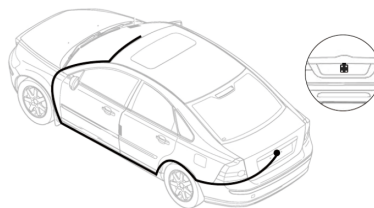
1. There are two locations for mounting the rear camera: rear windshield / above the number plate.

Position 1: Install the rear camera on the rear windshield.

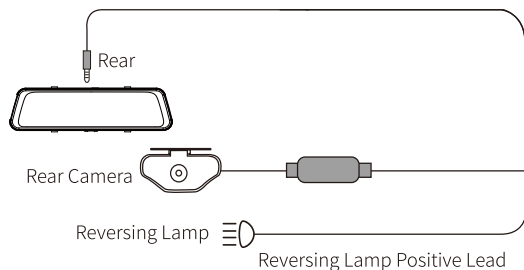
Position 1 is designed for live stream rear review only, not for reversing guide.



Position 2 (Recommended): Install the rear camera near the license plate. Feed the camera wire through to the interior of the vehicle either by drilling a new hole; or using the existing hole for the number plate light if possible. The two included screws and double-sided tape will hold the camera in place. The rear camera image is crisp and clear for both rear viewing and reversing guide.



To use the reversing function, install the rear camera in position 2, then connect the red cable of the rear camera extension cable to the anode of the car reversing lamp by using a test light or multimeter to determine which wire is positive.



2. Once all of the plugs are connected and power connections are made. Switch on the ignition. Shift the gear into reverse, and if all is wired correctly; the rear camera image will appear in your mirror.

Note

- ① Please clean the position to ensure the adhesive quality before install the rear camera.
- ② Please clean the rear windshield regularly to ensure the image quality if choose the position 1.
- ③ If choose the position 2, you can install the rear camera with the included adhesive sticker or screws.
- ④ Please fasten the screws to adjust the desired camera view angle.

▶ **GET STARTED**

Power On/Off

Option 1: Start the engine to automatically power on the Mirror Dash Camera; stop the engine to automatically power it off.

Option 2: Press once to turn on device; Press and hold 3 seconds to turn off device.

Screen On/Off

Simply press the Power Button once to switch the screen off (But can still recording) when the mirror dash cam is ON;

Press it again or tap the touch screen to wake up the camera.

FORMATTING MEMORY CARD

1. Touch  to enter the Settings Menu.
2. Touch "System" and touch "Format".
4. Touch "OK".

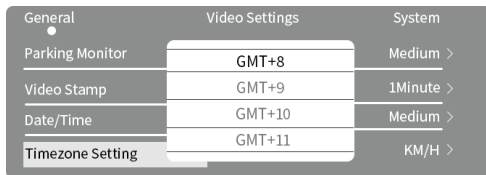
Note

1. Do not remove or insert Micro SD card when the camera is powered on which may damage the memory card.
2. Every time you insert a Micro SD card, please format it in the camera to ensure that the microSD card is compatible with the camera.

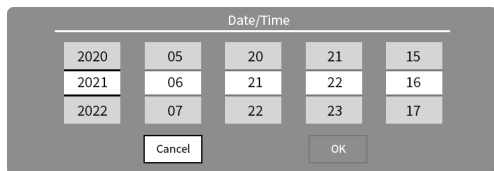
SETTING TIMEZONE AND DATE/TIME

① Please connect GPS module.

② Set the GMT value first.



③ Set the Date/Time: Year-Month-Day-Hour-Minute

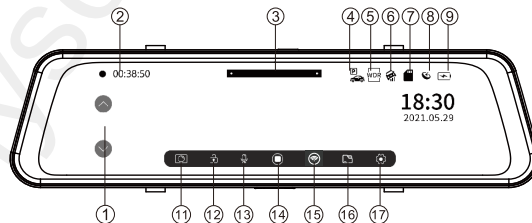


The dash camera will updated the date and time based on the GMT value selection automatically when it receives the GPS signal .

	British Winter Time	British Summer Time
UK Time Zones	GMT/UTC +1	GMT/UTC ±0

Go to <https://www.timeanddate.com/time/map/> to find out your Correct GMT (Greenwich Mean Time) value based on your location.

» BUTTON FUNCTION



#	Description	Feature
1	Adjust View Angle	Tap to adjust view angle, can't work when dual camera display
2	Recording timer	Shows the elapsed recording time
3	Screen Brightness Control	Slide the brightness bar to increase or decrease the screen brightness
4	Parking Monitor	Shows the parking mode status
5	WDR	Shows the WDR status
6	G-sensor	Show the G-sensor status

7	MicroSDCard	Show the Micro SDCard status
8	GPS	Show the GPS status
9	Battery	Shows the status of Battery
10	Date/Time	Shows the date and time
11	PhotoShooting	Tap  to capture a photo and save it to the memory card
12	EmergencyLock	Tap  to manually lock the current video that is recording to make sure it will NOT being overwritten or deleted; Tap  to start recording again
13	Audio	Tap  to mute/unmute the microphone
14	Recording	Tap  to end & save the recording into the memory card
15	WiFi	Tap  to turn on WiFi Tap again, turn off wifi
16	Playback	Tap  to enter playback menu and check all videos or photos saved
17	System Setting	Tap  to enter system setting menu

FUNCTION

General

Parking Monitor — On/Off(Default)

If connected to cigarette lighter to supply power, with "Parking Monitor" function enabled, dash cam automatically starts recording a video for around 60s and lock it when any collision/ impact detected. Dash cam use its internal battery(500mAh) to detect any knock or bump so supports limited times of recording a 60-second video. This mode greatly saves energy and protects your car battery.

If you want to use 24-hours Parking Monitor please take refer to Page EN-14

G-sensor — Off/ High/ Medium(Default)/ Off

G-Sensor is a 3-axis impact gravitational accelerometer which is designed to detect physical and gravitational forces on the camera. While Video is Being Recorded: In the event when G-Sensor is triggered due to physical or gravitational impact force on the camera, the current loop cycle length of video file will be locked so it will NOT be deleted by loop cycle function.

Video Stamp — On(Default)/Off

This stamps menu allows you to choose your choice of stamps for the bottom of the video. Date & Time, speed, GPS Coordinates, AZDOME Logo and model.

Screen Saver — 1(Default)/3/5 minutes/ Off

1/3/5 minutes: The dash cam LCD screen will turn off after 1/3/5 minutes, but still recording.

Off: The dash cam LCD screen will always on.

Timezone

From GMT-12 to GMT+12 timezone.

Time/Date Setting

To set the date & time.

Button Sound — Off/ Low/ Medium(Default)/High

This feature allows you to turn ON/OFF camera button's beep sound & any voice confirmation.

Speed Unit— KM/H(Default)/MPH

You can choose desired speed option stamp to be displayed and recorded on video stamp based on your selection.

Frequency — 50HZ/ 60HZ(Default)

Here you should choose the frequency accordingly to your power supply specification used in your country based on your geographical location.

60 Hz (USA – North America)

50 Hz (Europe – Most Asian Countries)

Format Remind — Off/ 15days/ 30days(Default)/ 60days

This feature allows you to set a FORMAT REMINDER to format your memory card. Once set, the camera will remind you to format your memory card at a set interval.

Parking Guide Line — On(Default)/Off

On: The function is activated when the reverse gear is selected. The camera image is shown on the dash cam screen with assistance line.

Off: The function is activated when the reverse gear is selected. The camera image is shown on the dash cam screen but NO assistance line.

Rear Video Mirror — On(Default)/Off

On: The image on the dash cam screen matches that of your rear-view mirror.

Time Lapse Parking Mode — On/Off(Default)

This menu will be shown when ONLY connected to 3-lead hardwire kit.

Time Lapse Parking Mode ON: Dash cam will capture photos at 1 frame per 1s, and stitches them into a video which greatly optimizes the use of memory card.

How to set 24-hours Parking Mode

If you connect to AZDOME 3-lead hard wire kit, here are two 24-hours Parking Modes that you can select from:

1. When function “Parking Mode” ON / “Time Lapse Parking Mode” OFF: Dash cam will record unlimited times of a 60-seconds video then power off whenever detecting collision/impact.

This mode is ideal if you: Parked in a quiet area or want audio in all circumstances

① When you turn OFF the car’s engine. Then the camera will also power off.

② Dash cam automatically starts recording a video for around 60s and lock it when any collision/impact detected

③ When you start your car for the next time, the camera will power on and goes into normal video - Loop Recording Mode automatically.

2. When “Parking Mode” OFF / “Time Lapse Parking Mode” ON: Dash cam will capture photos at 1 frame per 1s, and stitches

them into a video which greatly optimizes the use of memory card.

This mode is ideal if you :

-Parked in a busy area with lots of vehicle and foot traffic (ie. mall parking lot)

-Want to have a quick overview of everything that happens around your parked car.

① When you turn OFF the car’s engine. Then the camera will STOP the Loop Recording and it will go into the Time Lapse Parking Mode automatically.

② While this Time Lapse Parking Mode is being recorded, If someone hits your car, then the camera will lock the video file, then saved in LOCK folder of Micro SD card > then go on Time Lapse Parking Mode recording.

③ When you start your car for the next time, the camera will automatically STOP the Time Lapse Parking Mode. Then it will go into normal video - Loop Recording Mode automatically.

NOTE:

-The Time Lapse Mode video files plays at faster speed and NO audio when playback.

-If function “Parking Mode” and “Time Lapse Parking Mode” are ON simultaneously, the Time Lapse Parking Mode will be the priority

Video Settings

Video Resolution — 1440(Default)/1080P30

Allow to choose the desired video resolution. Higher resolution and fps videos result in smoother videos, but also take more storage space.

Loop Recording — 1min/ 3mins(Default)/ 5mins

Allow the dash-cam to continuously record. Please notice: the dash-cam will keep deleting the oldest files automatically when memory card gets full so that it can keep recording over and over. Here select the length of video file for the loop recording.

WDR — On(Default)/Off

Wide Dynamic Range (WDR) improves the exposure by taking the combinations of over exposed and under exposed image into one robust wide range of lighting with higher depth image.

Time-lapse Record — On/Off(Default)

Time Lapse recording mode allows you to capture specific images per second at a much lower rate. So when you combine and play those images at the normal 30fps rate, everything seems to be moving faster in time lapse.

System

Language — Multilingual, default English.

Allow to choose your desired language for dash-cam system.

GPS Info

Show the satellite numbers, Date/Time, Longitude, Latitude, Speed, Direction.

WiFi

Default turn off WiFi. If turn on WiFi, it can connect AZDOME APP which download on APP and operation on AZDOME APP.

Format

This feature will allow you to format inserted memory card, all the data will be deleted.

We recommend that you format the memory card every 3 months to keep it clean for smooth operation.

Please note that memory cards have their self life span, after so many uses of writing data over and over, eventually they will become inoperable. When that happens, please replace your memory card.

your camera. You will need this information in the future to check if newer version of firmware is available.

Please visit: <http://www.azdome.hk/downloads.html> for latest firmware upgrade instructions.

Reset Settings

Here you can restore all the settings to factory default settings.

Version

Here you can check the current firmware version installed on

» PLAYBACK RECORDED VIDEOS

There are 2 different way you can access your videos.

A. On Dash Camera

Tap  to enter Playback Menu, you will see six folders.



Front emergency video : emergency videos recorded captured by front camera but can't be overwritten

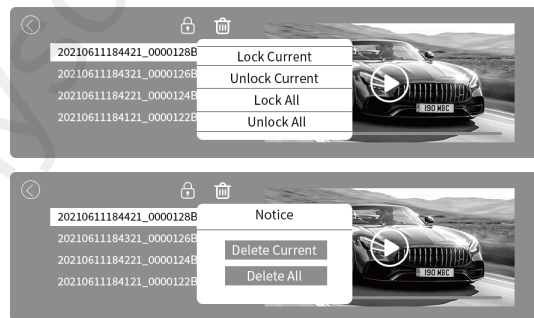
Rear emergency video : emergency videos recorded captured by rear camera but can't be overwritten

Front normal video : videos recorded captured by front camera

Rear normal video : videos recorded captured by rear camera

Front photo : photos captured by front camera

Rear photo : photos captured by rear camera



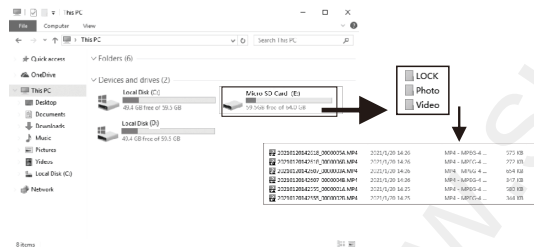
Tips

1. Tap  to return to the previous interface
2. Tap  to play/pause the video file.
3. Tap  to manually lock/unlock the current video that is recording to make sure it will or NOT being overwritten or deleted. recording to make sure it will or NOT being overwritten or deleted.
4. Tap  to delete the selected file or ALL files.

Note: The photo file can NOT be locked.

B. On Computer

1. Please remove the Micro SD card from camera and insert it directly in your laptop if you have a Micro SD Card slot (otherwise please using a Micro SD Card reader).
2. You should be able to see drive "D" or "E" or other name depending on the pre-installed hard drives. Once you find the added flash drive, double click in it, then you will see the file folders- Movie / LOCK / Photo
- Movie: The loop recording video files that can be overwritten.
- LOCK: The video file will be locked so it will NOT be deleted by loop recording function.
- Photo: The pictures
3. Then simply double click on the video to play them.



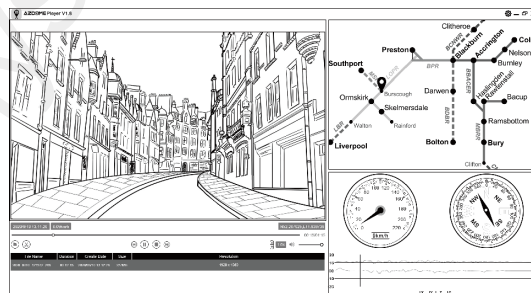
File named *****A=videos or photo captured by front camera

File named *****B=videos or photo captured by rear camera

GPS PLAYER SOFTWARE INSTALLATION (PC/MAC ONLY)

1. Go to our website www.azdome.hk/downloads to download the AZDOME Player (For Windows32bits/64bits or macOS)
2. Install the AZDOME Player in your laptop, photo as below;
3. Play the video files by AZDOME Player, you can see the car route on Google Map.

AZDOME Tech Support : service@azdome.hk



» FAQ

Q1:Why the rear cam image is converse on the screen?

According to your habit, please use the function called “Backup Cam Mirror Image” .

Q2:Poor image quality of rear cam

The most likely cause is simply a dirty lens. Since many cameras are mounted low on the back of the car, they're subject to being obscured by mud, snow, dirt or other debris. Luckily, the fix is easy: Clean the lens with a soft cloth (to prevent scratching the lens).

If still doesn't work, please e-mail to service@azdome.hk with order number.

Q3:Dash cam will be hot

Yep! A dash cam of this caliber is a pretty high-tech piece of equipment. When you think about it from an engineering perspective, capturing high quality full HD video takes a large amount of computer processing power. Heat is the by-product of all that data processing that is going on.

But not to worry.The case of the Dash cam itself is actually used as a heat-sink (notice the nice vents), so that's why you may notice it is warm or hot to the touch. Don't worry, this is normal,

and your AZDOME is operating as designed.

Q4:My Video playback on PC is lagging.

You are viewing high-bit rate version of video files. General computer configuration may have problem with faster data processing. Please record videos at lower resolution and try again. Contact us if problem still exists.

Q5:Why dash cam can't get the GPS signal?

1. Depending on the vehicle and the location of the GPS signal can be blocked due to strong radio interference of other electronic devices in the car, the cloudy/rainy weather or mountains, tunnels, tall buildings on both sides of road etc.
2. Please check if GPS works by taking the GPS Module from the car to outside. If it works then there must be a heavy interference in the car, for example thick car Explosion-proof membrane, metal item and etc.

» DISCLAIMER

AZDOME Streaming Mirror Dash Camera is designed to be use as a driver's assistant, it dose NOT remove the responsibility of driving the vehicle from the driver. The legal responsibility and safe driving practice always remains with the driver.

You agree to use this product and understand that this is to be used as aid only. We highly recommend that you have this product professionally installed to ensure that it will provide the function it is set out to perform. In case of you change your mind or return of this product, company is NOT responsible in anyway for the holes or installation modifications made to your vehicle.

•» WARNINGS

- Do not expose this product to rain, moisture or water under any circumstances or it will result in external or internal damage.
- Do not put the unit in a damp environment. This device is not designed to be damp proof.
- Do not try to open the cover or try to repair it yourself. If the accessories for this device have any problem, please contact the seller for assistance.
- Do not expose this device to an excessive heat, dust or use any chemical substance or cleaning solvent to clean this device.
- Do not operate or install the camera while driving, or attempt to change any setting etc. Pull off the road first and only do so when it is safe.
- Do not drop, puncture or disassemble this product or dispose it on fire. It contains Battery and can explode if improperly

handled.

- Do not use the charger if the cord is broken or damaged. Keep out of reach of children.
- Do not leave the camera in the direct sunlight for a long period of time or where temperature could go above 140°F (60°C).
- Removing the camera from the vehicle when not in use is recommended. This prevents likelihood of theft or exposure to excessive heat to prevent damage to unit.

Uživatelský manuál
AR09
Instructioniuni



AZDOME

Enjoy Your Smart Driving

Vă rugăm să citiți cu atenție acest manual înainte de prima utilizare.
Păstrați manualul pentru referințe viitoare.

Imaginile și ilustrațiile afișate pot varia în funcție de modelul dispozitivului.

GARANȚIE ȘI SUPORT CLIEŢI

Pentru întrebări, asistență sau reclamații, vă rugăm să ne contactați la info@azdome.hk. Dacă puteți furniza fotografii sau videoclipuri care arată problema dvs., v-am fi recunoscători.

OBSERVA

Citiți avertismentele și instrucțiunile de siguranță înainte de utilizare.

1. Asigurați-vă că camera este întotdeauna conectată la curent, deoarece bateria internă a camerei NU este proiectată să dureze mai mult de 3-5 minute, în funcție de rezoluția video selectată.

2. Trebuie să introduceți un card de memorie înainte de a începe înregistrarea. Introduceți doar un card Micro-SD de marcă cu o viteză de clasa 10 sau mai mare.

3. TREBUIE să formatați cardul de memorie din cameră înainte de prima utilizare pentru a preveni eventualele erori și pentru a asigura funcționarea fără probleme. trafic.

4. Setări pentru dată și oră: Setati data și ora corecte, consultați pagina 14.

Specificații

Model	AR09
Microfon/Difuzor	Încorporat
Format foto	JPG
Format video	MP4
Rezoluție video	Față: 1440 Px, 1080 Px; Spate: 1080P
Card de memorie	Micro-SD, clasa 10 sau mai mare
Alimentare electrică	5V/3A
Umiditatea de lucru	10 – 70%
Baterie	500 mAh, litiu
Wifi	Da, aplicația AZDOME
GPS	Suport, modul GPS necesar
Înregistrare în buclă	Sprijină
Detectarea mișcării	Nu
Monitor de parcare	Suporturi, necesita instalare kit

Conținutul pachetului



camera frontala



camera spate cu suport • suporturi pentru cabluri adezive
si cablu de 6m



rangă de asamblare



folie antireflex



instruc iuni



pânză



Trusa de curatare



• cablu de alimentare 340 cm



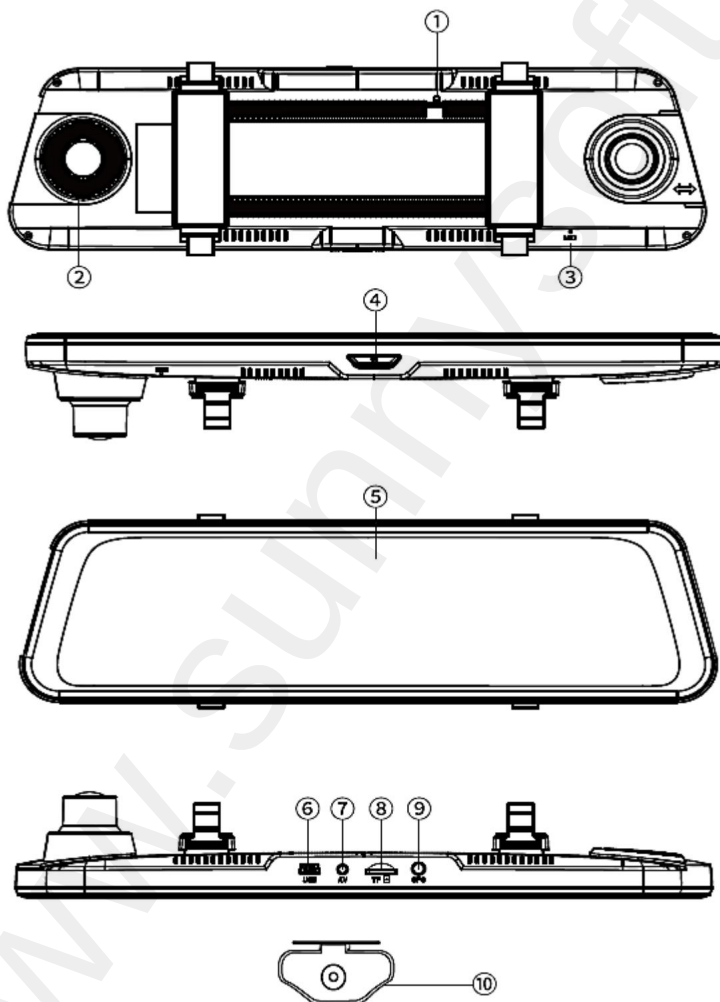
2 seturi de benzi de cauciuc

Notă: Pentru a îmbunătăți performanța produsului, conținutul acestui manual poate fi modificat fără notificare prealabilă.

Diagrama produsului

1	Resetați	Introduceți știftul în orificiul „RESET” pentru a reporni atunci când dispozitivul nu răspunde
2	Difuzor Difuzor încorporat	
3	Microfon	Înregistrarea sunetului
4	Buton de pornire	-O apăsare pentru a porni dispozitivul - Apăsați și mențineți apăsat timp de 3 secunde pentru a opri dispozitivul -Apăsați scurt pentru a opri/porni ecranul în timpul înregistrării
5	Ecran	Touch screen
6	Port MiniUSB Conectați-vă la cablul MINI USB și încărcați bateria	
7	Intrare AV	Conectarea la camera din spate

8	slot Micro SD	Suport Micro SD, clasa 10 sau mai mare, U3 de mare viteză
9	GPS	Verificarea traseului la redarea videoclipurilor prin AZDOME Player
10	Camăra din spate	Înregistrează spatele



Instalare

Instalarea unui card Micro SD

1. Asigurați-vă că camera de bord este oprită.
2. Introduceți cardul Micro-SD la jumătate (contacte GOLD - spre spate) lateral/lentila).
3. Acum împingeți ușor cardul până când se fixează și se blochează în poziție.
4. Trebuie folosit doar un card Micro-SD de marcă cu o viteză de clasa 10, U3 sau mai mare.

Scoaterea cardului Micro SD

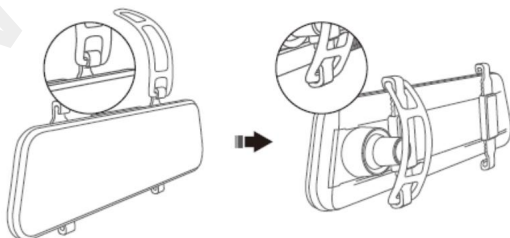
- Pentru a scoate cardul Micro SD, împingeți ușor marginea superioară în interior, până când face un clic și apoi iese afară, apoi pur și simplu trageți-l afară din fantă.

INFORMAȚII IMPORTANTE DESPRE CARDUL DE MEMORIE

1. Nu scoateți și nu introduceți cardul Micro SD în timp ce camera este pornită, cardul de memorie ar putea fi deteriorat.
2. De fiecare dată când introduceți un card Micro SD, formatați-l în cameră pentru a vă asigura asigurați-vă că cardul Micro SD este compatibil cu camera.

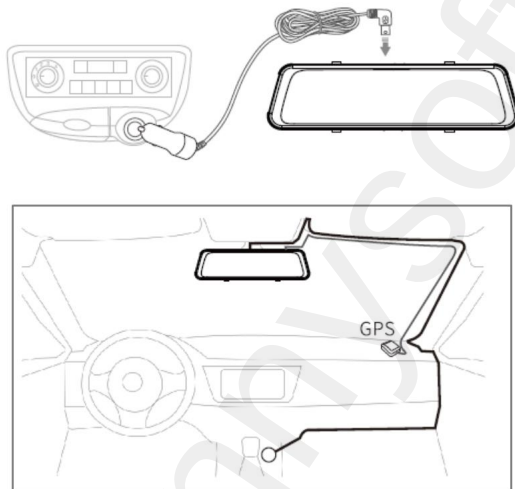
Instalarea camerei frontale

1. Opriti motorul vehiculului. Introduceți cardul Micro SD în slotul Micro SD. camere de bord.
 2. Așezați elementele de fixare din cauciuc pe clemele de montare superioare (Există 2 tipuri de elemente de fixare; utilizați-o pe cea potrivită pentru mașina dvs.). Așezați camera de bord a oglinzii pe partea din față a oglinzii retrovizoare existente, astfel încât obiectivul camerei să se suprapună pe marginea oglinzii retrovizoare.
- Așezați suporturile inferioare de cauciuc pe oglindă și atașați-le la clema de montare inferioară.



3. Conectați un capăt al cablului de încărcare a mașinii la portul de intrare USB din partea superioară a camerei Mirror Dash. Conectați celălalt capăt al cablului de încărcare a mașinii la priza de brichetă a vehiculului dumneavoastră. Dirijați cablul de-a lungul consolei vehiculului.

4. Conectați modulul GPS la camera de bord, îndepărtați autocolantul pentru modulul GPS și puneți-l pe bordul vehiculului.



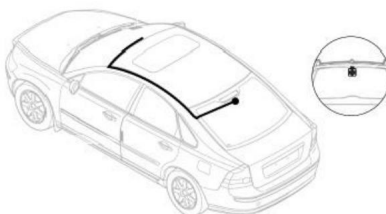
Instalarea camerei spate

Camera din spate, echipată cu un cablu de 6 metri, se conectează la camera de bord prin portul de intrare AV. Înainte de instalare, verificați dacă cablul furnizat este suficient de lung pentru a ajunge la camera din spate din mașină.

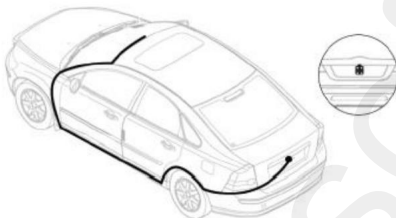
1. Există două locuri pentru montarea camerei din spate: geamul din spate / deasupra marca de înregistrare.

Poziția 1: Instalați camera din spate pe geamul din spate.

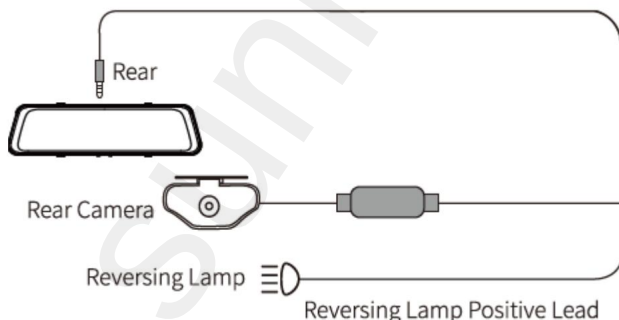
Poziția 1 este doar pentru redarea în direct din spate, nu pentru ghidare inversă.



Poziția 2 (recomandată): Instalați camera din spate lângă plăcuța de înmatriculare. Direcționați cablul camerei în interiorul vehiculului fie făcând o nouă gaură, fie folosind orificiul existent pentru lumina plăcuței de înmatriculare, dacă este posibil. Două șuruburi incluse și bandă cu două fețe țin camera în loc. Imaginea de la camera din spate este clară și clară atât pentru monitorizarea spatelui mașinii, cât și pentru ghidarea înapoi.



Pentru a utiliza funcția de marșarier, instalați camera din spate în poziția 2 și apoi conectați firul roșu al cablului de prelungire a camerei din spate la anodul luminii de marșarier a mașinii folosind o lampă de test sau un multimetru pentru a determina care fir este pozitiv.



Partea spate – spate

Camera spate

Lampă de marșarier – lumină spate

Plumb pozitiv lampa de marsarier

2. După ce ați conectat toate ștecherile și alimentarea, porniți contactul.

Pune mașina în marșarier și dacă totul este conectat corect, imaginea de la camera din spate va apărea în oglindă.

Nota:

1. Înainte de a instala camera spate, curățați locația selectată pentru a asigura calitatea adevizului.
2. Dacă alegeți poziția 1, curățați regulat luneta pentru a vă asigura calitatea imaginii.
3. Dacă alegeți poziția 2, puteți instala camera din spate folosind autocolante sau șuruburi atașate.
4. Strângeți șuruburile pentru a regla camera la unghiul de vizualizare dorit.

Instalare

Pornire/oprire

Opțiunea 1: Porniți motorul și Mirror Dash Camera se va porni. se aprinde automat; Când motorul se oprește, camera se oprește automat.

Opțiunea 2: Apăsați o dată pentru a porni dispozitivul; prin apăsarea și țineți apăsat timp de 3 secunde pentru a opri dispozitivul.

Porniți/opriți ecranul

Pur și simplu apăsați butonul de pornire o dată pentru a opri ecranul (dar puteți înregistra în continuare) când camera de bord este pornită.

Apăsați sau atingeți din nou ecranul tactil pentru a activa camera.

FORMATAREA UNUI CARD DE MEMORIE

1. Atingeți pentru a intra în meniul Setări.
2. Atingeți „System” și apoi atingeți „Format”.
3. Atingeți butonul „OK”.

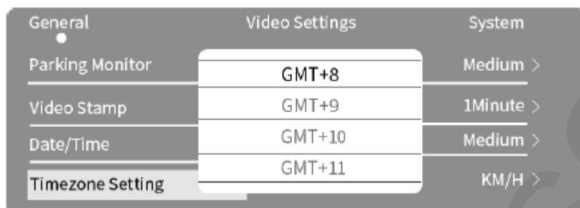
Nota:

1. Nu scoateți și nu introduceți cardul Micro SD în timp ce camera este pornită, cardul de memorie ar putea fi deteriorat.

2. De fiecare dată când introduceți un card Micro SD, formatați-l în cameră pentru a vă asigura asigurați-vă că cardul Micro SD este compatibil cu camera.

Setarea fusului orar, a datei și a orei

1. Conectați modulul GPS.
2. Mai întâi setați valoarea GMT.



The screenshot shows a settings menu with three tabs: General, Video Settings, and System. The 'General' tab is selected. Under 'General', there are four settings: 'Parking Monitor', 'Video Stamp', 'Date/Time', and 'Timezone Setting'. The 'Timezone Setting' is currently set to 'GMT+8'. Below the 'Timezone Setting', there is a list of GMT offsets: GMT+8, GMT+9, GMT+10, and GMT+11. The 'Date/Time' setting is set to 'Medium'.

3. Setati data și ora (an – lună – zi – oră – minut)

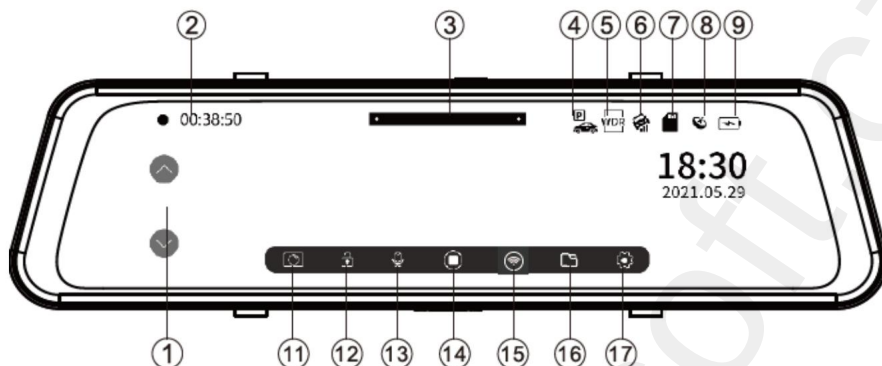


The screenshot shows a 'Date/Time' setting screen. It has a grid of buttons for selecting the year, month, day, hour, and minute. The year is set to 2020, the month to 05, the day to 20, the hour to 21, and the minute to 15. Below the grid are 'Cancel' and 'OK' buttons.

Camera de bord actualizează automat data și ora în funcție de valoarea GMT pe care o selectați atunci când primește un semnal GPS.

Puteți afla la <https://www.timeanddate.com/time/map/> valoarea corectă GMT (Greenwich Mean Time) în funcție de locația dvs.

Funcțiile butoanelor



1	Reglați unghiul de vizualizare	Atingeți săgețile sus/jos pentru a regla unghiul de vizualizare, nu poate funcționa când vizionați camera duală.
2	Cronometru de înregistrare	Afișează timpul de înregistrare scurs.
3	Controlul luminozității ecranului	Glisați bara de luminozitate pentru a crește sau a reduce luminozitatea ecranului.
4	Parcare monitor	Afișează starea modului de parcare.
5	WDR	Afișează starea WDR.
6	Senzor G	Afișează starea senzorului G.
7	Micro SD card	Afișează starea cardului Micro-SD.
8	GPS	Afișează starea GPS.
9	Baterie	Afișează starea bateriei.
10	Data/Ora	Afișează data și ora.
11	Realizarea unei fotografii	Atingeți pentru a face o fotografie și a o salva în memorie.
12	Blocare de urgență	Faceți clic pe simbolul de blocare deschis pentru a bloca videoclipul curent, astfel încât să nu poată fi șters sau suprascris. Prin atingerea simbolului veți începe din nou înregistrarea cu lacătul închis.
13	Sunet	Atingeți microfonul pentru a-l porni sau dezactiva.
14	Înregistrare	Atingeți pentru a încheia înregistrarea și salvați-o pe cardul de memorie.

15	Wifi	Atingeți pentru a activa Wi-Fi, atingeți din nou pentru a-l dezactiva.
16	Redare	Faceți clic pentru a intra în meniul cu videoclipuri înregistrate și fotografii făcute.
17	Setări sistem	Veți intra în setările sistemului.

Funcție

În general

Monitor de parcare - Monitor de parcare - pornit/oprit (implicit)

Când funcția „Monitor parcare” este pornită și conectată la brichetă (alimentare), camera de bord va începe automat înregistrarea video timp de aproximativ 60 de secunde și o va bloca atunci când este detectată o coliziune/impact. Camera de bord folosește bateria sa internă (500 mAh) pentru a detecta orice impact sau șoc, astfel încât acceptă un timp limitat de înregistrare video de 60 de secunde. Acest mod economisește semnificativ energie și protejează bateria mașinii tale.

Dacă doriți să utilizați monitorul de parcare 24 de ore, vedeți mai jos.

Senzor G – Senzor G – Oprit/ Ridicat/ Mediu (implicit)/ Dezactivat

Senzorul G este un accelerometru cu impact gravitațional cu trei axe, conceput pentru a detecta forțele fizice și gravitaționale care acționează asupra camerei. În timpul înregistrării video: În cazul în care senzorul G este declanșat din cauza forței de impact fizic sau gravitațional asupra camerei, durata curentă a ciclului de buclă a fișierului video va fi blocată, astfel încât NU va fi ștearsă de funcția de ciclu de buclă.

Ștampila video – Marcaj video Z- Activat (implicit) / Dezactivat -

Acest meniu de etichete vă permite să selectați etichete în partea de jos a videoclipului.

Data și ora, viteza, coordonatele GPS, sigla și modelul AZDOME.

Screen Saver - 1 (implicit)/3/5 minute/dezactivat

1/3/5 minute: ecranul LCD al camerei de bord se va opri după 1/3/5 minute, dar încă se înregistrează.

Oprit: Ecranul LCD al camerei de bord va fi mereu pornit.

Fus orar – Fus orar

De la GMT-12 la GMT+12 fus orar.

Setarea orei/datei

Setarea datei și orei.

Sunet buton - Oprit/Scăzut/Mediu
(implicit)/Ridicat

Această funcție vă permite să activați/dezactivați sunetul butonului camerei și orice confirmare vocală.

Unitate de viteză - KM/H (implicit)/MPH

Pe baza selecției dvs., puteți alege opțiunea de ștampilare a vitezei dorită, care va fi afișată și înregistrată pe materialul video.

Frecvență - 50 Hz/60 Hz (implicit)

Aici ar trebui să alegeți frecvența conform specificațiilor sursei de alimentare utilizate în țara dvs. în funcție de locația dvs. geografică.

60 Hz (SUA - America de Nord)

50 Hz (Europa - majoritatea țărilor asiatice)

Format Memento - Dezactivat/15 zile/30 de zile (implicit)/60 de zile

Această funcție vă permite să setați un METOR DE FORMATARE pentru a formata cardul de memorie. Odată setat, camera vă va reaminti să formatați cardul de memorie la intervalul setat.

Linia de ghidare de parcare – Linia de ghidare de parcare activată
(implicit)/Oprit

Pornit: Funcția este activată când treapta de marșarier este cuplată.

Imaginea de la cameră este afișată pe ecranul camerei de bord cu linia de asistență.

Oprit: Funcția este activată când treapta de marșarier este cuplată.
Imaginea camerei va fi afișată pe ecranul camerei de bord, dar FĂRĂ linii de asistență.

Oglindă video din spate - Activată (implicit)/Dezactivată

Activat: imaginea de pe ecranul camerei de bord se potrivește cu imaginea din oglinda retrovizoare.

Modul de parcare cu interval de timp - pornit/oprit (implicit)

Acest meniu apare NUMAI atunci când este conectat la un set cu trei fire conducere solidă.

Modul de parcare cu interval de timp ACTIVAT: camera de bord va face fotografii cu o rată de 1 cadru pe 1 secundă și le va combina într-un videoclip, ceea ce optimizează semnificativ utilizarea cardului de memorie.

Cum să setați modul de parcare 24 de ore

Dacă vă conectați la kitul de cablu cu trei fire AZDOME, există Există două moduri de parcare 24 de ore disponibile din care puteți alege:

1. Cu „Modul de parcare” ACTIVAT / „Modul de parcare în interval de timp” DEZACTIVAT: Camera de bord va înregistra un număr nelimitat de 60 de secunde de videoclipuri și apoi se va opri ori de câte ori detectează o coliziune/impact.

Acest mod este ideal dacă:

- Ai parcat într-o zonă liniștită sau vrei să ai sunet pentru toată lumea circumstanțe.

1) Când opriți motorul vehiculului. Apoi camera se oprește.

2) Camera de bord va începe automat înregistrarea video pentru o perioadă de aproximativ 60 de secunde și îl blochează atunci când detectează orice coliziune/impact.

3) Data viitoare când vehiculul este pornit, camera se va porni și va intra automat în modul normal de înregistrare video - buclă.

2. Când „Modul de parcare” este dezactivat / „Modul de parcare în interval de timp” este activat: camera de bord va face fotografii cu o rată de 1 cadru pe 1 secundă și le va combina într-un videoclip, ceea ce optimizează semnificativ utilizarea cardului de memorie.

Acest mod este ideal dacă:

- Ați parcat într-o zonă aglomerată cu trafic de vehicule grele și pietoni (de exemplu, parcare la un centru comercial).
- Vrei să ai o imagine de ansamblu rapidă a tot ceea ce se întâmplă în jurul mașinii tale parcate.

1) Când opriți motorul vehiculului, camera ÎNREGISTREAZĂ ÎNREGISTRARE buclă și intră automat în modul de parcare time-lapse.

2) Dacă acest mod de parcare cu interval de timp este activat, dacă cineva se lovește de mașina dvs., atunci camera va bloca fișierul video, apoi îl va salva în folderul LOCK de pe cardul Micro SD > apoi mergeți la înregistrarea în modul de parcare cu interval de timp.

3) Data viitoare când porniți vehiculul, camera se va opri automat în modul de parcare cu interval de timp. Apoi va trece automat la modul video normal - Modul de înregistrare în buclă.

Nota::

- Fișierele video în modul Time Lapse sunt redare la o viteză mai mare și nu este utilizat niciun sunet în timpul redării.
- Dacă funcțiile „Mod parcare” și „Time Lapse” sunt activate în același timp Mod parcare”, Modul de parcare cu interval de timp va avea prioritate.

Setări video

Rezoluție video - 1440 (implicit)/1080P30

Vă permite să selectați rezoluția video dorită. Rezoluția mai mare și ratele de cadre mai mari au ca rezultat videoclipuri mai fluide, dar ocupă și mai mult spațiu de stocare.

Înregistrare în buclă - 1 min/3 min (implicit)/5 min Permite înregistrarea continuă cu camera de bord. Notă: camera de bord va șterge automat cele mai vechi fișiere când cardul de memorie este plin, astfel încât să poată înregistra continuu. Aici, selectați lungimea fișierului video pentru înregistrarea în buclă.

WDR - Activat (implicit)/Dezactivat (dezactivat)

Gama dinamică largă (WDR) îmbunătățește expunerea prin combinarea imaginilor supraexpuse și subexpuse într-o gamă largă de iluminare robustă, cu o adâncime de câmp mai mare.

Înregistrare time-lapse - activat/dezactivat (implicit)

Modul de înregistrare time-lapse vă permite să capturați anumite cadre pe secundă la o rată mult mai mică. Deci, atunci când combinați aceste cadre și le redați la o rată normală de 30 de cadre pe secundă, totul pare să se miște mai repede în filmarea time-lapse.

Sistem

Limbă - multilingvă, engleză implicită.

Vă permite să selectați limba dorită pentru sistemul de camera de bord.

Info GPS - informații GPS

Afișează numerele de satelit, data/ora, longitudinea, latitudinea, viteza,

direcție.

Wifi

În mod implicit, WiFi este dezactivat. Dacă activați WiFi, acesta se poate conecta la aplicația AZDOME, care este descărcată în aplicație, iar camera funcționează apoi în aplicația AZDOME.

Format - Format

Această funcție vă permite să formatați cardul de memorie introdus, tot datele vor fi șterse.

Vă recomandăm să formatați cardul de memorie la fiecare 3 luni pentru a-l păstra curat pentru o funcționare fără probleme.

Vă rugăm să rețineți că cardurile de memorie au propria lor durată de viață, după multe utilizări în care datele sunt scrise pe ele din nou și din nou, acestea vor deveni în cele din urmă inoperabile. Dacă se întâmplă acest lucru, înlocuiți cardul de memorie.

Resetați setările

Aici puteți reseta toate setările la valorile implicite din fabrică.

Versiune

Aici puteți verifica versiunea curentă de firmware instalată pe camera dvs. Veți avea nevoie de aceste informații în viitor pentru a verifica dacă este disponibilă o versiune mai nouă de firmware.

Pentru cele mai recente instrucțiuni de actualizare a firmware-ului, vă rugăm să vizitați:

<http://www.azdome.hk/downloads.html>.

Redarea videoclipurilor înregistrate

Există două opțiuni pentru redarea videoclipului capturat.

1. Pe o cameră de bord

Faceți clic pe simbolul folderului  pentru a intra în meniul de redare



Vor fi afișate 6 foldere.

Videoclip de urgență frontală: videoclipuri de urgență înregistrate de camera frontală, dar nu pot fi suprascrise.

Videoclip de urgență din spate: videoclipuri de urgență înregistrate de camera din spate, dar nu pot fi suprascrise.

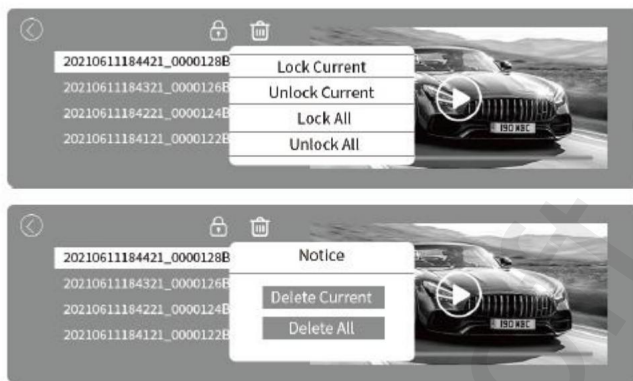
Video frontal normal: videoclipuri înregistrate de camera frontală.

Video normal din spate: videoclipuri înregistrate în spate

aparat de fotografiat.

Fotografie față: fotografie făcută cu camera frontală.

Fotografie din spate: fotografie făcută cu camera din spate.



Sfaturi:

1. Atingeți 2. veți reveni la interfața anterioară
- Atingeți 3. Atingeți /|| redați/întrerupeți un fișier video.
pentru a bloca/debloca manual videoclipul curent înregistrat pentru a vă asigura
că NU va fi suprascris sau șters.
4. Atingeți pentru a șterge fișierul selectat sau TOATE fișierele.

Nota:

Dosarul foto nu poate fi blocat.

2. Pe computerul

dvs. 1. Scoateți cardul Micro SD din cameră și introduceți-l direct în laptop dacă
aveți un slot pentru card Micro SD (în caz contrar, utilizați un cititor de carduri Micro SD).

2. Ar trebui să vedeți unitatea „D” sau „E” sau un alt nume, în funcție de hard disk-
urile preinstalate. După ce găsiți unitatea flash adăugată, faceți dublu clic pe ea, apoi veți
vedea folderele cu fișiere -

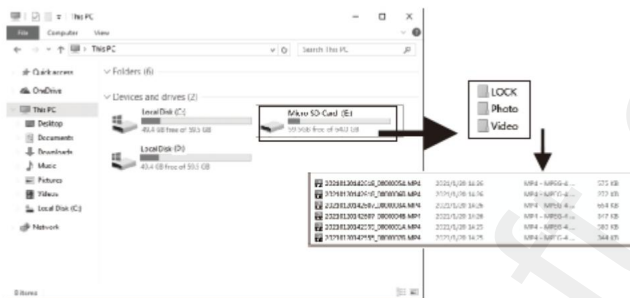
Film/BLOCARE/Fotografie

Film: fișiere video în buclă care pot fi suprascrise.

BLOCARE: Un fișier video care este blocat, astfel încât funcția de înregistrare în
buclă NU ÎL POATE șterge.

Fotografie: folosită pentru a încărca fotografii.

3. Apoi pur și simplu faceți dublu clic pe videoclip pentru al reda.



Numele fișierelor care se termină cu litera A au fost luate cu camera frontală.
Numele fișierelor care se termină cu litera B au fost luate cu camera din spate.

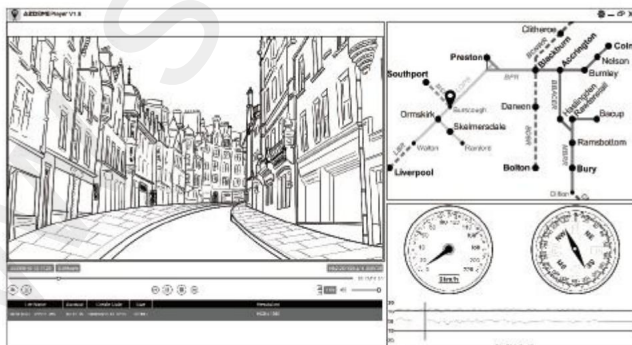
Instalarea software-ului de redare a datelor GPS (numai pentru PC/MAC)

1. Accesați site-ul nostru web www.azdome.hk/downloads și descărcați AZDOME Player (pentru Windows 32 biți/64 biți sau macOS).

2. Instalați AZDOME Player pe laptop,
vezi pozele de mai jos.

3. Redați fișiere video cu AZDOME Player, veți vedea traseul mașinii pe harta Google.

Suport tehnic AZDOME: service@azdome.hk



Întrebări și răspunsuri

Întrebarea 1: De ce imaginea de la camera din spate este pe ecran cu susul în jos?

După obiceiul tău, folosește funcția numită „Imagine în oglindă a camerei de rezervă”.

Întrebarea 2: calitate slabă a imaginii camerei din spate

Cauza cea mai probabilă este pur și simplu o lentilă murdară.

Deoarece multe camere sunt montate jos pe partea din spate a mașinii, acestea sunt supuse pete de noroi, zăpadă, murdărie sau alte resturi.

Din fericire, remedierea este ușoară: curățați lentila cu o cârpă moale (pentru a evita zgârierea lentilei).

Dacă tot nu funcționează, trimiteți un e-mail la service@azdome.hk.

Întrebarea 3: Camera de bord este fierbinte

Da! O cameră de bord de acest calibru este un dispozitiv destul de high-end.

Când te gândești la asta din perspectivă tehnică, captarea video Full HD de înaltă calitate necesită o cantitate mare de putere de procesare a computerului. Căldura este un produs secundar al tuturor prelucrărilor de date care au loc.

Dar nu trebuie să vă faceți griji. Carcasa Dash Cam în sine este folosită de fapt ca un radiator (rețineți gurile de aerisire frumoase), de aceea este posibil să observați că se simte cald sau fierbinte la atingere. Nu vă faceți griji, acest lucru este normal și dispozitivul dvs. AZDOME funcționează așa cum ar trebui.

Întrebarea 4: Redarea video pe computerul meu întârzie.

Vizualizați o versiune cu rata de biți ridicată a fișierelor video. Configurația generală a computerului poate avea o problemă cu procesarea mai rapidă a datelor.

Încărcați videoclipuri la o rezoluție mai mică și încercați din nou. Dacă problema persistă, vă rugăm să ne contactați.

Întrebarea 5: De ce camera de bord nu poate capta semnalul GPS?

1. În funcție de vehicul și de locație, semnalul GPS poate fi blocat din cauza interferențelor radio puternice de la alte dispozitive electronice din vehicul,

vreme înnorată/ploioasă sau munți, tuneluri, clădiri înalte pe ambele părți ale drumului etc.

2. Verificați dacă GPS-ul funcționează scoțând modulul GPS din mașină.

Dacă funcționează, atunci trebuie să existe interferențe puternice în mașină, de exemplu, o membrană puternică de explozie a mașinii, un obiect metalic etc.

DECLARA IE

Camera AZDOME Streaming Mirror Dash este destinată a fi utilizată ca asistent al șoferului, NU își asumă responsabilitatea pentru conducerea vehiculului de la șofer.

Responsabilitatea legală și principiile de conducere în siguranță rămân întotdeauna în sarcina șoferului.

Sunteți de acord să utilizați acest produs și înțelegeți că trebuie folosit doar ca ajutor. Vă recomandăm insistent să instalați acest produs în mod profesionist pentru a vă asigura că îndeplinește funcția pe care este destinat să o îndeplinească. În cazul în care vă răzgândeți cu privire la achiziționarea acestui produs sau îl returnați, compania NU este responsabilă în niciun fel pentru eventualele găuri sau modificări de instalare aduse vehiculului dumneavoastră.

OBSERVA

- În niciun caz acest produs nu trebuie expus la ploaie, umezeală sau apa, altfel va fi deteriorat extern sau intern.

- Nu așezați dispozitivul într-un mediu umed. Acest dispozitiv nu este conceput pentru a fi rezistent la umiditate.

- Nu încercați să deschideți capacul sau să îl reparați singur.

Dacă apare vreo problemă cu accesoriile acestui dispozitiv, vă rugăm să contactați distribuitorul pentru asistență.

- Nu expuneți acest dispozitiv la căldură excesivă, praf și nu utilizați substanțe chimice sau solvenți de curățare pentru a-l curăța.

- Nu utilizați și nu instalați camera în timp ce conduceți și nu încercați să modificați orice setări etc. Ieșiți mai întâi de pe șosea și faceți acest lucru numai când este sigur să faceți acest lucru.

- Nu scăpați, nu perforați, nu dezasamblați și nu aruncați acest produs în foc. Conține o baterie și poate exploda dacă este manipulat greșit.

- Nu utilizați încărcătorul dacă cablul este rupt sau deteriorat.

A nu se lăsa la îndemâna copiilor.

- Nu lăsați camera în lumina directă a soarelui pentru perioade lungi de timp sau în locuri unde temperatura poate depăși 60°C (140°F).

- Dacă nu utilizați camera, vă recomandăm să o scoateți din vehicul.

Acest lucru va preveni probabilitatea de furt sau de expunere la căldură excesivă pentru a preveni deteriorarea unității.

Distribuitor

Sunnysoft sro

Kovanecka 2390/1a

190 00 Praga 9

Republica Cehă

www.sunnysoft.cz

Owner's Manual

AR09



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Address : Room 102, Building 1, No.1 Longcheng Street, Qingxi Town,
Dongguan, Guangdong, 523660, CN



V2.0

AZDOME

Enjoy Your Smart Driving

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•» WARRANTY & CUSTOMER SUPPORT

We provide 12-Month of limited warranty for your product from the date of purchase to be free from defects in materials and craftsmanship.

For questions, support, or warranty claims, contact us at **info2@azdome.hk** with you Order Number. If you can provide the photos or video to show your problem we will be appreciated.

IMPORTANT: Proof of original purchase (Online order receipt is also accepted) is required for any warranty service. AZDOME can only provide after sales service for products purchased directly from AZDOME. If you have purchased from a different seller, please contact them directly for service or warranty issues.



info2@azdome.hk

•» NOTICE

Please read and understand warnings & safety instructions before operating.

- ① Make sure to always keep the camera plugged into the power, because camera's internal battery is NOT meant to last more than 3-5 minutes depending on the video resolution you choose.
- ② You will need to insert a memory card before you can start recording. Please insert only a brand name Class-10 or above higher speed Micro-SD card.
- ③ Before first time use, you MUST format the memory card in the camera to prevent any errors and for smooth operation.
- ④ Setting Date & Time: Please set the correct date and time, please refer to page EN-14.

» SPECIFICATION

Model	AR09
Mic/Speaker	Built In
Photo Format	JPG
Video Format	MP4
Video Resolution	Front:1440P;1080P Rear: 1080P
Memory Card	Class 10 or above high-speed Micro SD card
Car Inverter DC	5V/3.0A
Relative Humidity	10%-70%
Battery	500mAh lithium battery
WiFi	Yes. AZDOME APP
GPS Track	Support, need to connect GPS Module
Loop Recording	Support
Motion Detection	No
Parking Monitor	Support, 24 hours Parking Monitor need to connect 3-lead hard-wire kit

» PACKING LIST



Mirror Dash cam



Rear Dash cam (6M cable)



USB Car Charger
(3.5M Cable)



4 Rubber Fasteners



5 x Cable Clips



Wire Trim Tool



Anti-glare Screen Film



User Manual



Cleaning Cloth

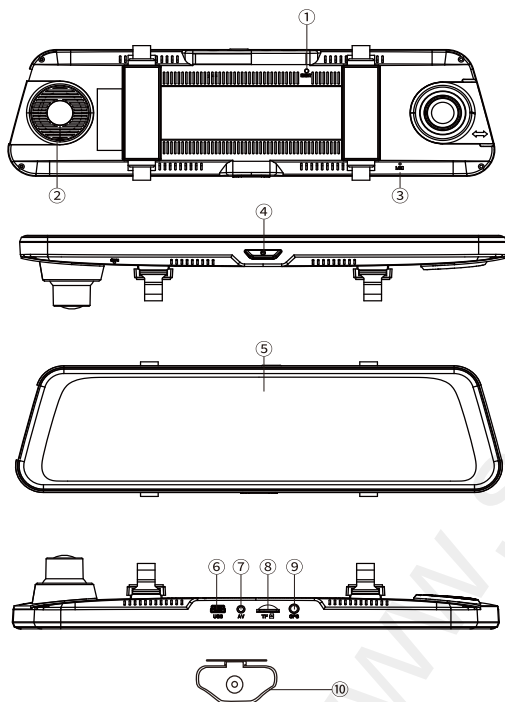


Dry Wet Cloth Pack

Note

• To improve the performance of the product, the contents of this manual are subject to change without prior notice.

» PRODUCT DIAGRAM



#	Component	Description
1	Reset	Insert a pin to 'RESET' hole to reboot when device is Not Responding
2	Speaker	Built in speaker
3	Microphone	Records audio
4	Power Key	-Press once to turn on device -Press and hold 3 seconds to turn off device -Short press to turn off/on screen when recording
5	Screen	Touching Screen
6	Mini USB Port	Connect to MINI USB cable & charge battery
7	AV-IN	Connect to rear camera
8	Micro SD Card Slot	Support Micro SD, Class 10 or above, U3 high-speed
9	GPS	Check your route when you playback the videos Via AZDOME Player
10	Rear Camera	Records rear side

» INSTALLATION

Install Micro SD Card

1. Make sure the dash cam is turned OFF.
2. Insert the Micro-SD Card half way in (GOLD Contacts - Facing the Back/Lens Side)
3. Now gently push the card in until it clicks & looks in place.
4. Must use only Brand Name, Class-10, U3 or higher speed Micro-SD Card.

Remove Micro SD Card

-To remove the Micro SD card, gently push its top edge inward until it clicks, and then pops out, then simply pull it out of the slot.

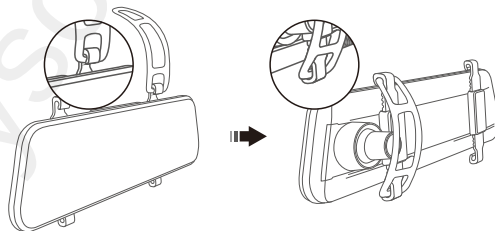
MOST IMPORTANT about Memory CARD

1. Do not remove or insert Micro SD card when the camera is powered on which may damage the memory card.
2. Every time you insert a Micro SD card, please format it in the camera to ensure that the microSD card is compatible with the camera.

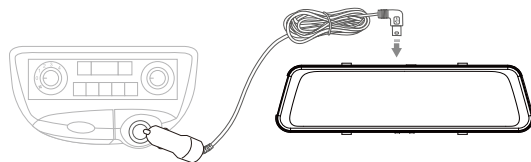
Front Camera Installation

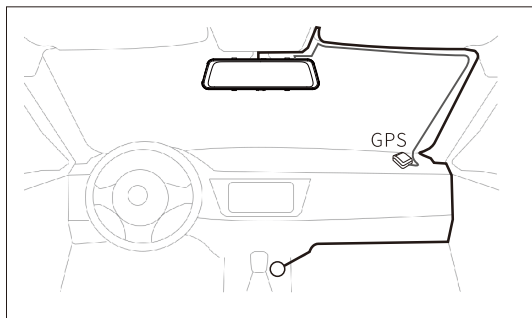
1. Turn off the car's engine. Insert a Micro SD card into the Micro SD slot of the dash cam.

2. Loop the rubber fasteners over the top fastener clips (There are 2 types of fasteners; please use which ever suits your car; Put the mirror dash cam in position on the front face of your existing rear view mirror ensuring the camera lens clears the edge of your rear view mirror. Loop the bottom rubber fasteners over the mirror and attached to the bottom fastener clip.



3. Connect one end of Car Charger cable to the USB Input port on the topside of Mirror Dash Camera. Plug the other end of the Car Charger cable to the Cigarette Lighter Receptacle in the vehicle. Run the cable along your vehicles console.
4. Connect the GPS module to the dash cam, tear off the sticker of GPS module and place it on the car dashboard.





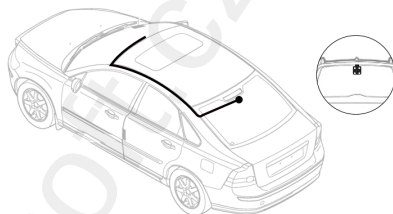
Rear Camera Installation

The rear camera equipped with a 6-meter cable is to connect to the dash-cam via AV IN port. Before installation, please check if the provided cable is long enough to reach the rear cam in your car.

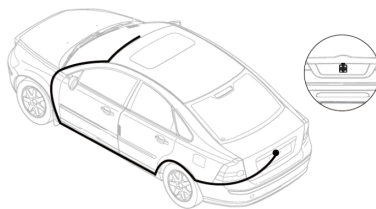
1. There are two locations for mounting the rear camera: rear windshield / above the number plate.

Position 1: Install the rear camera on the rear windshield.

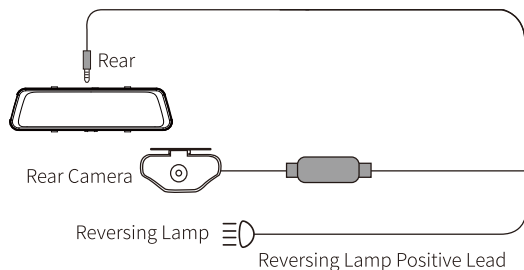
Position 1 is designed for live stream rear review only, not for reversing guide.



Position 2 (Recommended): Install the rear camera near the license plate. Feed the camera wire through to the interior of the vehicle either by drilling a new hole; or using the existing hole for the number plate light if possible. The two included screws and double-sided tape will hold the camera in place. The rear camera image is crisp and clear for both rear viewing and reversing guide.



To use the reversing function, install the rear camera in position 2, then connect the red cable of the rear camera extension cable to the anode of the car reversing lamp by using a test light or multimeter to determine which wire is positive.



2. Once all of the plugs are connected and power connections are made. Switch on the ignition. Shift the gear into reverse, and if all is wired correctly; the rear camera image will appear in your mirror.

Note

- ① Please clean the position to ensure the adhesive quality before install the rear camera.
- ② Please clean the rear windshield regularly to ensure the image quality if choose the position 1.
- ③ If choose the position 2, you can install the rear camera with the included adhesive sticker or screws.
- ④ Please fasten the screws to adjust the desired camera view angle.

▶ **GET STARTED**

Power On/Off

Option 1: Start the engine to automatically power on the Mirror Dash Camera; stop the engine to automatically power it off.

Option 2: Press once to turn on device; Press and hold 3 seconds to turn off device.

Screen On/Off

Simply press the Power Button once to switch the screen off (But can still recording) when the mirror dash cam is ON;

Press it again or tap the touch screen to wake up the camera.

FORMATTING MEMORY CARD

1. Touch  to enter the Settings Menu.
2. Touch "System" and touch "Format".
4. Touch "OK".

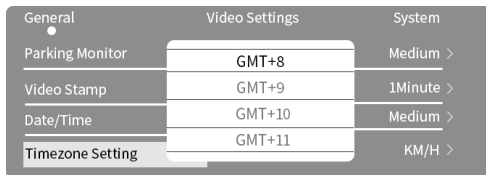
Note

1. Do not remove or insert Micro SD card when the camera is powered on which may damage the memory card.
2. Every time you insert a Micro SD card, please format it in the camera to ensure that the microSD card is compatible with the camera.

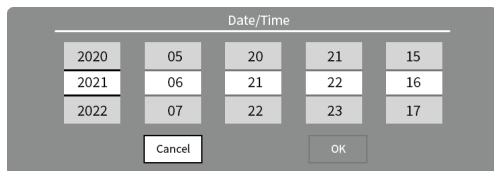
SETTING TIMEZONE AND DATE/TIME

① Please connect GPS module.

② Set the GMT value first.



③ Set the Date/Time: Year-Month-Day-Hour-Minute

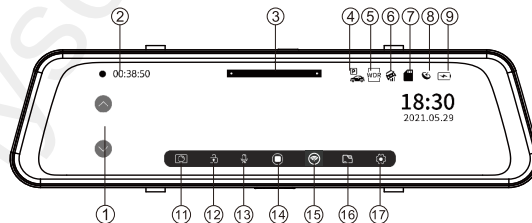


The dash camera will updated the date and time based on the GMT value selection automatically when it receives the GPS signal .

	British Winter Time	British Summer Time
UK Time Zones	GMT/UTC +1	GMT/UTC ±0

Go to <https://www.timeanddate.com/time/map/> to find out your Correct GMT (Greenwich Mean Time) value based on your location.

» BUTTON FUNCTION



#	Description	Feature
1	Adjust View Angle	Tap to adjust view angle, can't work when dual camera display
2	Recording timer	Shows the elapsed recording time
3	Screen Brightness Control	Slide the brightness bar to increase or decrease the screen brightness
4	Parking Monitor	Shows the parking mode status
5	WDR	Shows the WDR status
6	G-sensor	Show the G-sensor status

7	MicroSDCard	Show the Micro SDCard status
8	GPS	Show the GPS status
9	Battery	Shows the status of Battery
10	Date/Time	Shows the date and time
11	PhotoShooting	Tap  to capture a photo and save it to the memory card
12	EmergencyLock	Tap  to manually lock the current video that is recording to make sure it will NOT being overwritten or deleted; Tap  to start recording again
13	Audio	Tap  to mute/unmute the microphone
14	Recording	Tap  to end & save the recording into the memory card
15	WiFi	Tap  to turn on WiFi Tap again, turn off wifi
16	Playback	Tap  to enter playback menu and check all videos or photos saved
17	System Setting	Tap  to enter system setting menu

FUNCTION

General

Parking Monitor — On/Off(Default)

If connected to cigarette lighter to supply power, with "Parking Monitor" function enabled, dash cam automatically starts recording a video for around 60s and lock it when any collision/ impact detected. Dash cam use its internal battery(500mAh) to detect any knock or bump so supports limited times of recording a 60-second video. This mode greatly saves energy and protects your car battery.

If you want to use 24-hours Parking Monitor please take refer to Page EN-14

G-sensor — Off/ High/ Medium(Default)/ Off

G-Sensor is a 3-axis impact gravitational accelerometer which is designed to detect physical and gravitational forces on the camera. While Video is Being Recorded: In the event when G-Sensor is triggered due to physical or gravitational impact force on the camera, the current loop cycle length of video file will be locked so it will NOT be deleted by loop cycle function.

Video Stamp — On(Default)/Off

This stamps menu allows you to choose your choice of stamps for the bottom of the video. Date & Time, speed, GPS Coordinates, AZDOME Logo and model.

Screen Saver — 1(Default)/3/5 minutes/ Off

1/3/5 minutes: The dash cam LCD screen will turn off after 1/3/5 minutes, but still recording.

Off: The dash cam LCD screen will always on.

Timezone

From GMT-12 to GMT+12 timezone.

Time/Date Setting

To set the date & time.

Button Sound — Off/ Low/ Medium(Default)/High

This feature allows you to turn ON/OFF camera button's beep sound & any voice confirmation.

Speed Unit— KM/H(Default)/MPH

You can choose desired speed option stamp to be displayed and recorded on video stamp based on your selection.

Frequency — 50HZ/ 60HZ(Default)

Here you should choose the frequency accordingly to your power supply specification used in your country based on your geographical location.

60 Hz (USA – North America)

50 Hz (Europe – Most Asian Countries)

Format Remind — Off/ 15days/ 30days(Default)/ 60days

This feature allows you to set a FORMAT REMINDER to format your memory card. Once set, the camera will remind you to format your memory card at a set interval.

Parking Guide Line — On(Default)/Off

On: The function is activated when the reverse gear is selected. The camera image is shown on the dash cam screen with assistance line.

Off: The function is activated when the reverse gear is selected. The camera image is shown on the dash cam screen but NO assistance line.

Rear Video Mirror — On(Default)/Off

On: The image on the dash cam screen matches that of your rear-view mirror.

Time Lapse Parking Mode — On/Off(Default)

This menu will be shown when ONLY connected to 3-lead hardwire kit.

Time Lapse Parking Mode ON: Dash cam will capture photos at 1 frame per 1s, and stitches them into a video which greatly optimizes the use of memory card.

How to set 24-hours Parking Mode

If you connect to AZDOME 3-lead hard wire kit, here are two 24-hours Parking Modes that you can select from:

1. When function “Parking Mode” ON / “Time Lapse Parking Mode” OFF: Dash cam will record unlimited times of a 60-seconds video then power off whenever detecting collision/impact.

This mode is ideal if you: Parked in a quiet area or want audio in all circumstances

① When you turn OFF the car’s engine. Then the camera will also power off.

② Dash cam automatically starts recording a video for around 60s and lock it when any collision/impact detected

③ When you start your car for the next time, the camera will power on and goes into normal video - Loop Recording Mode automatically.

2. When “Parking Mode” OFF / “Time Lapse Parking Mode” ON: Dash cam will capture photos at 1 frame per 1s, and stitches

them into a video which greatly optimizes the use of memory card.

This mode is ideal if you :

-Parked in a busy area with lots of vehicle and foot traffic (ie. mall parking lot)

-Want to have a quick overview of everything that happens around your parked car.

① When you turn OFF the car’s engine. Then the camera will STOP the Loop Recording and it will go into the Time Lapse Parking Mode automatically.

② While this Time Lapse Parking Mode is being recorded, If someone hits your car, then the camera will lock the video file, then saved in LOCK folder of Micro SD card > then go on Time Lapse Parking Mode recording.

③ When you start your car for the next time, the camera will automatically STOP the Time Lapse Parking Mode. Then it will go into normal video - Loop Recording Mode automatically.

NOTE:

-The Time Lapse Mode video files plays at faster speed and NO audio when playback.

-If function “Parking Mode” and “Time Lapse Parking Mode” are ON simultaneously, the Time Lapse Parking Mode will be the priority

Video Settings

Video Resolution — 1440(Default)/1080P30

Allow to choose the desired video resolution. Higher resolution and fps videos result in smoother videos, but also take more storage space.

Loop Recording — 1min/ 3mins(Default)/ 5mins

Allow the dash-cam to continuously record. Please notice: the dash-cam will keep deleting the oldest files automatically when memory card gets full so that it can keep recording over and over. Here select the length of video file for the loop recording.

WDR — On(Default)/Off

Wide Dynamic Range (WDR) improves the exposure by taking the combinations of over exposed and under exposed image into one robust wide range of lighting with higher depth image.

Time-lapse Record — On/Off(Default)

Time Lapse recording mode allows you to capture specific images per second at a much lower rate. So when you combine and play those images at the normal 30fps rate, everything seems to be moving faster in time lapse.

System

Language — Multilingual, default English.

Allow to choose your desired language for dash-cam system.

GPS Info

Show the satellite numbers, Date/Time, Longitude, Latitude, Speed, Direction.

WiFi

Default turn off WiFi. If turn on WiFi, it can connect AZDOME APP which download on APP and operation on AZDOME APP.

Format

This feature will allow you to format inserted memory card, all the data will be deleted.

We recommend that you format the memory card every 3 months to keep it clean for smooth operation.

Please note that memory cards have their self life span, after so many uses of writing data over and over, eventually they will become inoperable. When that happens, please replace your memory card.

your camera. You will need this information in the future to check if newer version of firmware is available.

Please visit: <http://www.azdome.hk/downloads.html> for latest firmware upgrade instructions.

Reset Settings

Here you can restore all the settings to factory default settings.

Version

Here you can check the current firmware version installed on

» PLAYBACK RECORDED VIDEOS

There are 2 different way you can access your videos.

A. On Dash Camera

Tap  to enter Playback Menu, you will see six folders.



Front emergency video : emergency videos recorded captured by front camera but can't be overwritten

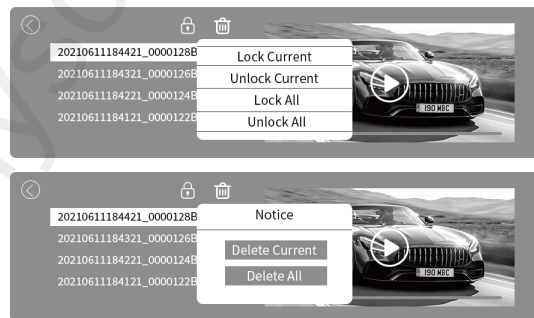
Rear emergency video : emergency videos recorded captured by rear camera but can't be overwritten

Front normal video : videos recorded captured by front camera

Rear normal video : videos recorded captured by rear camera

Front photo : photos captured by front camera

Rear photo : photos captured by rear camera



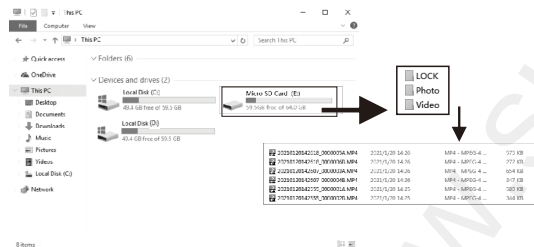
Tips

1. Tap  to return to the previous interface
2. Tap  to play/pause the video file.
3. Tap  to manually lock/unlock the current video that is recording to make sure it will or NOT being overwritten or deleted. recording to make sure it will or NOT being overwritten or deleted.
4. Tap  to delete the selected file or ALL files.

Note: The photo file can NOT be locked.

B. On Computer

1. Please remove the Micro SD card from camera and insert it directly in your laptop if you have a Micro SD Card slot (otherwise please using a Micro SD Card reader).
2. You should be able to see drive "D" or "E" or other name depending on the pre-installed hard drives. Once you find the added flash drive, double click in it, then you will see the file folders- Movie / LOCK / Photo
- Movie: The loop recording video files that can be overwritten.
- LOCK: The video file will be locked so it will NOT be deleted by loop recording function.
- Photo: The pictures
3. Then simply double click on the video to play them.



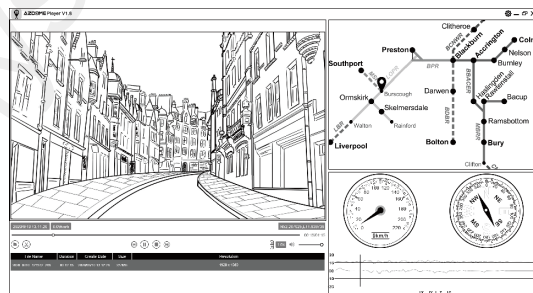
File named *****A=videos or photo captured by front camera

File named *****B=videos or photo captured by rear camera

» GPS PLAYER SOFTWARE INSTALLATION (PC/MAC ONLY)

1. Go to our website www.azdome.hk/downloads to download the AZDOME Player (For Windows32bits/64bits or macOS)
2. Install the AZDOME Player in your laptop, photo as below;
3. Play the video files by AZDOME Player, you can see the car route on Google Map.

AZDOME Tech Support : service@azdome.hk



» FAQ

Q1:Why the rear cam image is converse on the screen?

According to your habit, please use the function called “Backup Cam Mirror Image” .

Q2:Poor image quality of rear cam

The most likely cause is simply a dirty lens. Since many cameras are mounted low on the back of the car, they're subject to being obscured by mud, snow, dirt or other debris. Luckily, the fix is easy: Clean the lens with a soft cloth (to prevent scratching the lens).

If still doesn't work, please e-mail to service@azdome.hk with order number.

Q3:Dash cam will be hot

Yep! A dash cam of this caliber is a pretty high-tech piece of equipment. When you think about it from an engineering perspective, capturing high quality full HD video takes a large amount of computer processing power. Heat is the by-product of all that data processing that is going on.

But not to worry.The case of the Dash cam itself is actually used as a heat-sink (notice the nice vents), so that's why you may notice it is warm or hot to the touch. Don't worry, this is normal,

and your AZDOME is operating as designed.

Q4:My Video playback on PC is lagging.

You are viewing high-bit rate version of video files. General computer configuration may have problem with faster data processing. Please record videos at lower resolution and try again. Contact us if problem still exists.

Q5:Why dash cam can't get the GPS signal?

1. Depending on the vehicle and the location of the GPS signal can be blocked due to strong radio interference of other electronic devices in the car, the cloudy/rainy weather or mountains, tunnels, tall buildings on both sides of road etc.
2. Please check if GPS works by taking the GPS Module from the car to outside. If it works then there must be a heavy interference in the car, for example thick car Explosion-proof membrane, metal item and etc.

» DISCLAIMER

AZDOME Streaming Mirror Dash Camera is designed to be use as a driver's assistant, it dose NOT remove the responsibility of driving the vehicle from the driver. The legal responsibility and safe driving practice always remains with the driver.

You agree to use this product and understand that this is to be used as aid only. We highly recommend that you have this product professionally installed to ensure that it will provide the function it is set out to perform. In case of you change your mind or return of this product, company is NOT responsible in anyway for the holes or installation modifications made to your vehicle.

•» WARNINGS

- Do not expose this product to rain, moisture or water under any circumstances or it will result in external or internal damage.
- Do not put the unit in a damp environment. This device is not designed to be damp proof.
- Do not try to open the cover or try to repair it yourself. If the accessories for this device have any problem, please contact the seller for assistance.
- Do not expose this device to an excessive heat, dust or use any chemical substance or cleaning solvent to clean this device.
- Do not operate or install the camera while driving, or attempt to change any setting etc. Pull off the road first and only do so when it is safe.
- Do not drop, puncture or disassemble this product or dispose it on fire. It contains Battery and can explode if improperly

handled.

- Do not use the charger if the cord is broken or damaged. Keep out of reach of children.
- Do not leave the camera in the direct sunlight for a long period of time or where temperature could go above 140°F (60°C).
- Removing the camera from the vehicle when not in use is recommended. This prevents likelihood of theft or exposure to excessive heat to prevent damage to unit.



Uživatelský manuál

AR09



AZDOME

Enjoy Your Smart Driving

Przed pierwszym użyciem należy uważnie przeczytać instrukcję.

Zachowaj instrukcję, aby móc z niej skorzystać w przyszłości.

Przedstawione zdjęcia i ilustracje mogą się różnić w zależności od modelu urządzenia.

GWARANCJA I OBSŁUGA KLIENTA

W przypadku pytań, wsparcia lub skarg prosimy o kontakt pod adresem info@azdome.hk.

Będziemy wdzięczni za przesłanie zdjęć lub filmów przedstawiających problem.

OGŁOSZENIE

Przed użyciem należy przeczytać ostrzeżenia i instrukcje bezpieczeństwa.

1. Upewnij się, że kamera jest zawsze podłączona do zasilania, ponieważ wewnętrzny akumulator kamery NIE jest zaprojektowany do pracy dłużej niż 3–5 minut, w zależności od wybranej rozdzielczości wideo.

2. Przed rozpoczęciem nagrywania należy włożyć kartę pamięci.

Należy używać wyłącznie kart Micro-SD o klasie prędkości 10 lub wyższej.

3. Przed pierwszym użyciem aparatu MUSISZ sformatować kartę pamięci, aby zapobiec ewentualnym błędom i zapewnić bezproblemowe działanie.

ruch drogowy.

4. Ustawienia daty i godziny: Ustaw prawidłową datę i godzinę, patrz strona 14.

Specyfikacje

Model	AR09
Mikrofon/Głośnik	Wbudowany
Format zdjęcia	JPG
Format wideo	MP4
Rozdzielczość wideo	Przód: 1440 px, 1080 px; Tył: 1080 px
Karta pamięci	Micro-SD, klasa 10 lub wyższa
Zasilacz	5V/3A
Wilgotność robocza	10 – 70%
Bateria	500 mAh, litowy
Wi-Fi	Tak, aplikacja AZDOME
GPS	Obsługuje, wymagany jest moduł GPS
Nagrywanie w pętli	Wspiera
Wykrywanie ruchu	NIE
Monitor parkingowy	Wsparcie, wymagana instalacja zestawu

Zawartość opakowania



kamera przednia



uchwyt na tylną kamerę • uchwyty na kable samoprzylepne
i 6-metrowy kabel



łom montażowy



folia antyrefleksyjna



instrukcje



plótno



Zestaw do czyszczenia



• kabel zasilający 340 cm



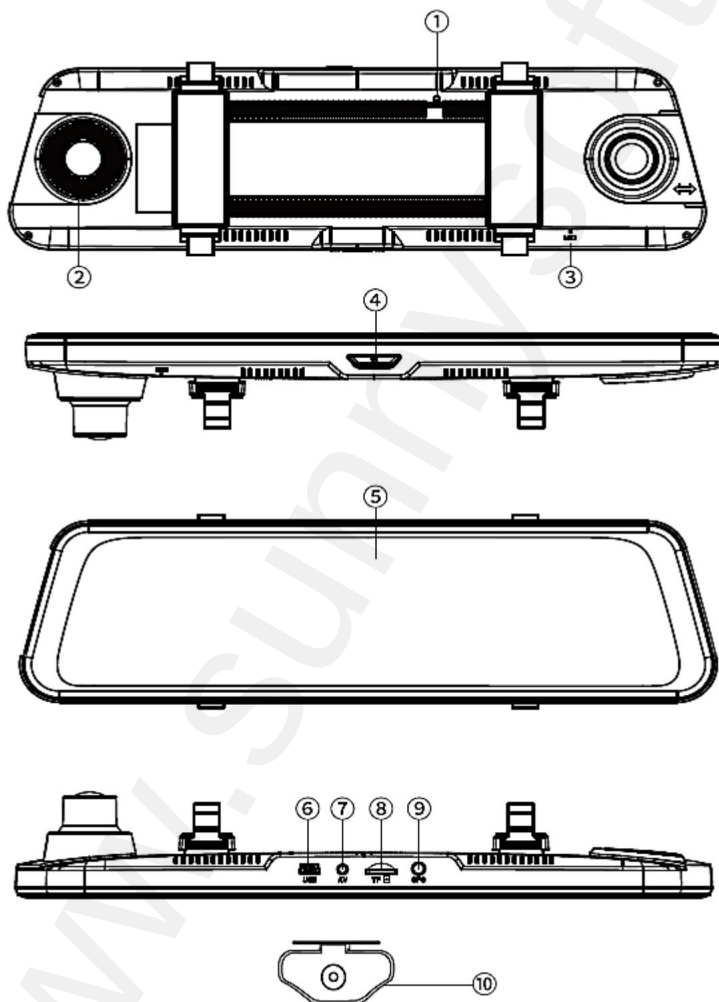
2 komplety gumek

Uwaga: Aby udoskonalić działanie produktu, treść niniejszej instrukcji może ulec zmianie bez wcześniejszego powiadomienia.

Schemat produktu

1	Nastawić	Włóż szpilkę do otworu „RESET”, aby ponownie uruchomić urządzenie, gdy nie będzie ono reagować
2	Głośniki Wbudowany głośnik	
3	Mikrofon	Nagrywanie dźwięku
4	Przycisk zasilania	-Jedno naciśnięcie włącza urządzenie - Naciśnij i przytrzymaj przez 3 sekundy, aby wyłączyć urządzenie -Krótkie naciśnięcie włącza/wyłącza ekran podczas nagrywania
5	Ekran	Ekran dotykowy
6	Port MiniUSB	Podłącz do kabla MINI USB i naładuj baterię
7	Wejście AV	Łączenie z tylną kamerą

8	gniazd Micro SD	Obsługa kart Micro SD klasy 10 lub wyższej, U3 high speed
9	GPS	Sprawdzanie trasy podczas odtwarzania filmów za pomocą odtwarzacza AZDOME
10	Kamera tylna Nagrywa	tylną kamerę



Instalacja

Instalowanie karty Micro SD

1. Upewnij się, że kamera samochodowa jest wyłączona.
2. Włóż kartę Micro-SD do połowy (styki GOLD – do tyłu) strona/soczewka).
3. Teraz delikatnie wsuń kartę, aż usłyszysz kliknięcie i zablokuje się na miejscu.
4. Należy używać wyłącznie markowych kart Micro-SD o klasie prędkości 10, U3 lub wyższej.

Wyjmowanie karty Micro SD

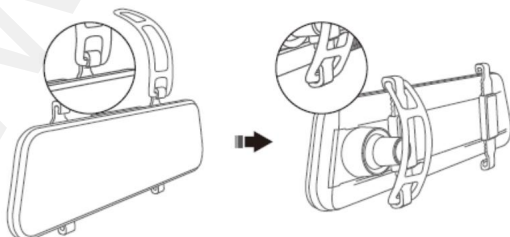
- Aby wyjąć kartę Micro SD, delikatnie naciśnij jej górną krawędź do wewnątrz, aż usłyszysz kliknięcie i wyskoczy, a następnie po prostu wyciągnij ją z gniazda.

WAŻNE INFORMACJE DOTYCZĄCE KARTY PAMIĘCI

1. Nie wyjmuj ani nie wkładaj karty Micro SD, gdy kamera jest włączona. Karta pamięci może ulec uszkodzeniu.
2. Za każdym razem, gdy włożysz kartę Micro SD, sformatuj ją w aparacie, aby mieć pewność, upewnij się, że karta Micro SD jest kompatybilna z aparatem.

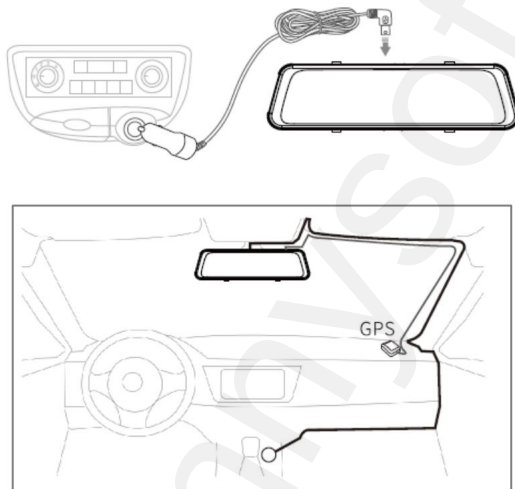
Montaż przedniej kamery

1. Wyłącz silnik pojazdu. Włóż kartę Micro SD do gniazda Micro SD. kamery pokładowe.
 2. Umieść gumowe uchwyty na górnych klipsach montażowych (dostępne są 2 rodzaje uchwytów; użyj tego, który pasuje do Twojego samochodu). Umieść kamerę samochodową na przedniej części lusterka wstecznego, tak aby obiektyw kamery nachodził na krawędź lusterka.
- Założ dolne gumowe mocowania na lusterko i przymocuj je do dolnego zacisku montażowego.



3. Podłącz jeden koniec kabla ładowarki samochodowej do portu USB w górnej części kamery samochodowej Mirror Dash. Podłącz drugi koniec kabla ładowarki samochodowej do gniazda zapalniczki w samochodzie. Poprowadź kabel wzdłuż konsoli pojazdu.

4. Podłącz moduł GPS do kamery samochodowej i usuń naklejkę z modułem GPS i umieść go na desce rozdzielczej pojazdu.



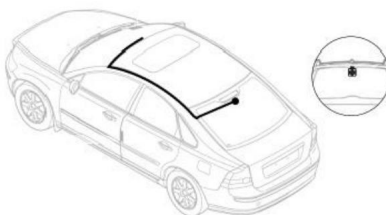
Montaż kamery tylnej

Wypożyczona w 6-metrowy kabel kamera cofania łączy się z kamerą samochodową za pomocą portu AV-in. Przed montażem sprawdź, czy dołączony kabel jest wystarczająco długi, aby sięgnąć do kamery cofania w samochodzie.

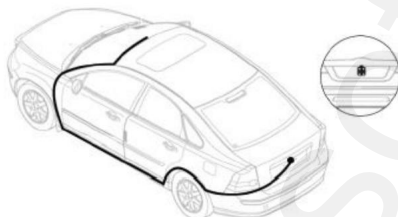
1. Istnieją dwa miejsca montażu tylnej kamery: na tylnej szybie / nad znak rejestracyjny.

Pozycja 1: Zainstaluj kamerę tylną na tylnej szybie.

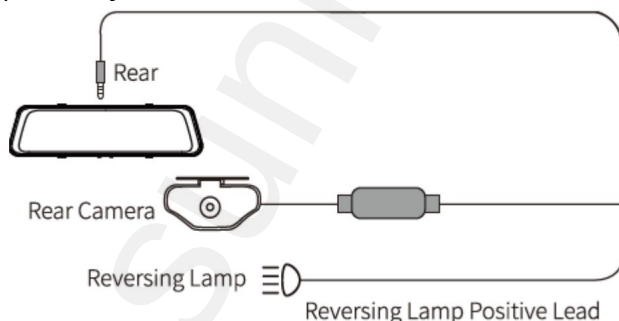
Pozycja 1 służy wyłącznie do transmisji strumieniowej widoku z tyłu, a nie do wspomagania cofania.



Pozycja 2 (zalecana): Zamontuj kamerę cofania w pobliżu tablicy rejestracyjnej. Poprowadź kabel kamery do wnętrza pojazdu, wiercąc nowy otwór lub, jeśli to możliwe, wykorzystując istniejący otwór na lampkę oświetlenia tablicy rejestracyjnej. Dwie dołączone śruby i taśma dwustronna utrzymują kamerę w miejscu. Obraz z kamery cofania jest ostry i wyraźny, zarówno do monitorowania tyłu pojazdu, jak i wspomagania cofania.



Aby skorzystać z funkcji cofania, zamontuj kamerę tylną w pozycji 2, a następnie podłącz czerwony przewód przedłużacza kamery tylnej do anody światła cofania samochodu za pomocą lampy kontrolnej lub multimetru, aby określić, który przewód jest dodatni.



Tył – tylna część

Kamera tylna

Światło cofania – światło tylne

Przewód dodatni lampy cofania

2. Po podłączeniu wszystkich wtyczek i zasilania włącz zapłon.

Włącz bieg wsteczny i jeżeli wszystko jest podłączone prawidłowo, obraz z kamery cofania pojawi się w lusterku wstecznym.

Notatka:

1. Przed montażem tylnej kamery wyczyść wybrane miejsce, aby zapewnić jakość kleju.
2. Jeśli wybierzesz pozycję 1, regularnie czyść tylną szybę, aby zapewnić jakość obrazu.
3. Jeśli wybierzesz pozycję 2, możesz zainstalować tylną kamerę za pomocą przymocowane naklejki lub śruby.
4. Dokręć śruby, aby ustawić kamerę pod żądanym kątem widzenia.

Instalacja

Włączanie/wyłączanie zasilania

Opcja 1: Uruchom silnik, a kamera samochodowa Mirror Dash Camera włączy się. włącza się automatycznie; zatrzymanie silnika spowoduje automatyczne wyłączenie kamery.

Opcja 2: Naciśnij raz, aby włączyć urządzenie; naciśnij i

Przytrzymaj przez 3 sekundy, aby wyłączyć urządzenie.

Włącz/wyłącz ekran

Gdy kamera samochodowa jest włączona, wystarczy nacisnąć przycisk zasilania raz, aby wyłączyć ekran (ale nadal można nagrywać).

Aby wybudzić kamerę, naciśnij lub dotknij ekranu dotykowego ponownie.

FORMATOWANIE KARTY PAMIĘCI

1. Dotknij, aby wejść do menu Ustawienia.
2. Dotknij „System”, a następnie dotknij „Formatuj”.
3. Kliknij przycisk „OK”.

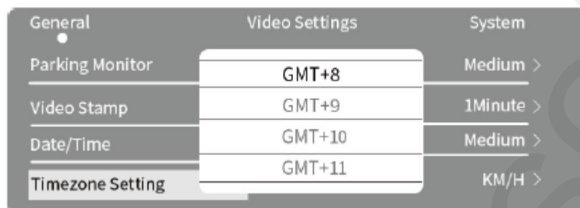
Notatka:

1. Nie wydymaj ani nie wkładaj karty Micro SD, gdy kamera jest włączona. Karta pamięci może ulec uszkodzeniu.

2. Za każdym razem, gdy włożysz kartę Micro SD, sformatuj ją w aparacie, aby mieć pewność, upewnij się, że karta Micro SD jest kompatybilna z aparatem.

Ustawianie strefy czasowej, daty i godziny

1. Podłącz moduł GPS.
2. Najpierw ustaw wartość GMT.



The screenshot shows the camera's settings menu with three tabs: General, Video Settings, and System. The 'General' tab is selected. The 'Timezone Setting' option is highlighted. The 'Timezone Setting' screen shows a list of GMT offsets: GMT+8, GMT+9, GMT+10, and GMT+11. The 'GMT+8' option is selected.

3. Ustaw datę i godzinę (rok – miesiąc – dzień – godzina – minuta)

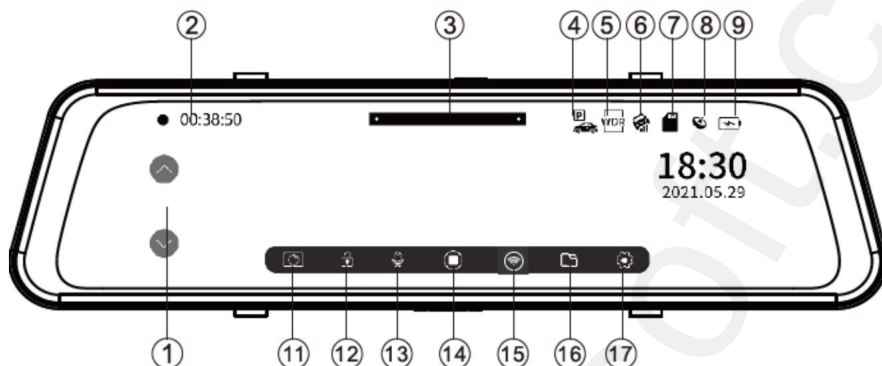


The screenshot shows the camera's settings menu with three tabs: General, Video Settings, and System. The 'General' tab is selected. The 'Date/Time' option is highlighted. The 'Date/Time' screen shows a grid of date and time options. The 'Date/Time' screen shows a grid of date and time options. The 'Date/Time' screen shows a grid of date and time options.

Kamera samochodowa automatycznie aktualizuje datę i godzinę na podstawie wybranej wartości GMT po odebraniu sygnału GPS.

Możesz to sprawdzić na stronie <https://www.timeanddate.com/time/map/> prawidłowa wartość GMT (czasu Greenwich) w zależności od Twojej lokalizacji.

Funkcje przycisków



1	Dostosuj kąt widzenia	Aby dostosować kąt widzenia, naciśnij strzałki w górę/w dół. Funkcja ta nie działa podczas korzystania z dwóch kamer.
2	Timer nagrywania	Wyświetla czas, który upłynie od nagrania.
3	Kontrola jasności ekranu	Przesuń pasek jasności, aby zwiększyć lub zmniejszyć jasność ekranu.
4	Parking monitor	Wyświetla status trybu parkingowego.
5	WDR	Wyświetla status WDR.
6	Czujnik G	Wyświetla stan czujnika G.
7	Mikro SD karta	Wyświetla stan karty Micro-SD.
8	GPS	Wyświetla status GPS.
9	Bateria	Wyświetla stan baterii.
10	Data/Czas	Wyświetla datę i godzinę.
11	Robienie zdjęcia	Dotknij, aby zrobić zdjęcie i zapisać je w pamięci.
12	Zamek awaryjny	Kliknij symbol otwartej kłódki, aby zablokować bieżący film i uniemożliwić jego usunięcie lub nadpisanie. Dotknij symbolu, rozpocznesz nagrywanie ponownie z zamkniętą blokadą.
13	Dźwięk	Dotknij mikrofonu, aby go włączyć lub wyłączyć.
14	Nagranie	Kliknij, aby zakończyć nagrywanie i zapisać je na karcie pamięci.

15	Wi-Fi	Dotknij, aby włączyć sieć Wi-Fi. Dotknij ponownie, aby ją wyłączyć.
16	Odtwarzanie nagranych dźwięków	Kliknij, aby wejść do menu z nagranymi filmami i zrobionymi zdjęciami.
17	Ustawienia system	Wejdiesz do ustawień systemu.

Funkcjonować

Zazwyczaj

Monitor parkowania – Monitor parkowania – wł./wył. (domyślnie)

Po włączeniu funkcji „Monitor parkowania” i podłączeniu kamery do gniazda zapalniczki (zasilania), kamera automatycznie rozpocznie nagrywanie wideo przez około 60 sekund i zablokuje je po wykryciu kolizji/uderzenia. Kamera wykorzystuje wewnętrzny akumulator (500 mAh) do wykrywania uderzeń i wstrząsów, dlatego obsługuje ograniczony czas nagrywania wideo do 60 sekund. Ten tryb znacznie oszczędza energię i chroni akumulator samochodu.

Jeśli chcesz korzystać z całodobowego monitoringu parkingowego, zobacz poniżej.

G-sensor – G-sensor – Wył./Wys./Średni (domyślnie)/Wył.

Czujnik G to trójosiowy akcelerometr grawitacyjny działający na kamerę, zaprojektowany do wykrywania sił fizycznych i grawitacyjnych działających na kamerę. Podczas nagrywania wideo: W przypadku aktywacji czujnika G w wyniku działania siły fizycznej lub grawitacyjnej na kamerę, bieżąca długość cyklu pętli pliku wideo zostanie zablokowana, aby NIE została skasowana przez funkcję cyklu pętli.

Znacznik wideo – Znacznik wideo Z- Wł. (domyślnie) / Wył. -

To menu tagów umożliwia wybór tagów u dołu filmu.

Data i godzina, prędkość, współrzędne GPS, logo i model AZDOME.

Wygaszacz ekranu – 1 (domyślnie)/3/5 minut/wyłączony

1/3/5 minuty: Ekran LCD kamery samochodowej wyłączy się po 1/3/5 minutach, ale nadal nagrywa.

Wył.: Ekran LCD kamery samochodowej będzie zawsze włączony.

Strefa czasowa – Strefa czasowa

Od strefy czasowej GMT-12 do GMT+12.

Ustawianie czasu/daty

Ustawianie daty i godziny.

Dźwięk przycisków – wyłączony/niski/średni

(domyślne)/Wysokie

Funkcja ta umożliwia włączanie/wyłączanie dźwięku przycisków aparatu oraz wszelkich potwierdzeń głosowych.

Jednostka prędkości - KM/H (domyślna)/MPH

Na podstawie dokonanego wyboru możesz wskazać żądaną opcję znacznika prędkości, który będzie wyświetlany i nagrywany na nagraniu wideo.

Częstotliwość - 50 Hz/60 Hz (domyślna)

Tutaj należy wybrać częstotliwość zgodnie ze specyfikacją używanego zasilacza.

Twój kraj na podstawie Twojej lokalizacji geograficznej.

60 Hz (USA - Ameryka Północna)

50 Hz (Europa – większość krajów azjatyckich)

Format Przypomnienia - Wył./15 dni/30 dni (domyślnie)/60 dni

Ta funkcja umożliwia ustawienie opcji PRZYPOMNIENIE O FORMATOWANIU, aby sformatować kartę pamięci. Po ustawieniu, aparat będzie przypominał o sformatowaniu karty pamięci w ustawionym odstępie czasu.

Linia parkingowa – Linia parkingowa włączona

(domyślnie)/Wyłączone

Wł.: Funkcja zostaje włączona po włączeniu biegu wstecznego.

Obraz z kamery wyświetlany jest na ekranie kamery samochodowej wraz z linią pomocy.

Wył.: Funkcja zostaje włączona po włączeniu biegu wstecznego.

Obraz z kamery będzie wyświetlany na ekranie kamery samochodowej, ale BEZ infolinie.

Lusterko wsteczne wideo – Wł. (domyślnie)/Wył.

Wł.: Obraz na ekranie kamery samochodowej jest zgodny z obrazem w kamerze. lusterko wsteczne.

Tryb parkowania poklatkowego -
wł./wył. (domyślnie)

To menu pojawia się TYLKO po podłączeniu do zestawu trzyżyłowego solidne przywództwo.

Tryb parkowania poklatkowego włączony: kamera samochodowa będzie wykonywać zdjęcia z częstotliwością 1 klatki na 1 sekundę i łączyć je w film, co znacznie optymalizuje wykorzystanie karty pamięci.

Jak ustawić tryb parkowania 24-godzinnego

Jeśli podłączysz się do zestawu AZDOME z trzema przewodami, dostępne są:
Możesz wybierać spośród dwóch trybów parkowania 24-godzinnego:

1. Przy włączonym „trybie parkowania” / wyłączonym „trybie parkowania poklatkowego”: kamera samochodowa będzie nagrywać nieograniczoną liczbę 60-sekundowych nagrań wideo, a następnie wyłączy się po wykryciu kolizji/uderzenia.

Ten tryb jest idealny, jeżeli:

- Zaparkowałeś w cichym miejscu lub chcesz zapewnić wszystkim dźwięk okolicy.

1) Gdy wyłączysz silnik pojazdu, kamera również się wyłączy.

2) Kamera samochodowa automatycznie rozpocznie nagrywanie wideo przez określony czas. około 60 sekund i blokuje się po wykryciu kolizji/uderzenia.

3) Przy następnym uruchomieniu pojazdu kamera włączy się i automatycznie przejdzie w normalny tryb nagrywania wideo - w pętli.

2. Gdy „Tryb parkowania” jest wyłączony / włączony jest „Tryb parkowania poklatkowego”: kamera samochodowa będzie wykonywać zdjęcia z częstotliwością 1 klatki na 1 sekundę i łączyć je w film, co znacznie optymalizuje wykorzystanie karty pamięci.

Ten tryb jest idealny, jeżeli:

- Zaparkowałeś w miejscu o dużym natężeniu ruchu pojazdów i pieszych (np. parking przy centrum handlowym).
- Chcesz mieć szybki podgląd wszystkiego, co dzieje się wokół zaparkowanego samochodu.

1) Po wyłączeniu silnika pojazdu kamera PRZESTAJE nagrywać pętlę i automatycznie przechodzi w tryb parkowania poklatkowego.

2) Jeśli włączony jest tryb Time Lapse Parking i ktoś uderzy w Twój samochód, kamera zablokuje plik wideo, a następnie zapisze go w folderze LOCK na karcie Micro SD > następnie przejdź do nagrywania w trybie Time Lapse Parking.

3) Przy następnym uruchomieniu pojazdu kamera automatycznie zatrzyma tryb parkowania poklatkowego. Następnie automatycznie przełączy się na normalny tryb wideo – tryb nagrywania w pętli.

Notatka::

- Pliki wideo w trybie Time Lapse są odtwarzane z większą prędkością, a podczas odtwarzania nie jest emitowany żaden dźwięk.
- Jeżeli funkcje „Tryb parkowania” i „Upływ czasu” są włączone jednocześnie „Tryb parkowania”, „Tryb parkowania poklatkowego” będzie miał pierwszeństwo.

Ustawienia wideo

Rozdzielczość wideo - 1440 (domyślna)/1080P30

Pozwala wybrać żadaną rozdzielczość wideo. Filmy o wyższej rozdzielczości i większej liczbie klatek na sekundę są płynniejsze, ale zajmują więcej miejsca na dysku.

Nagrywanie w pętli – 1 min/3 min (domyślnie)/5 min. Umożliwia kamerze samochodowej nagrywanie ciągłe. Uwaga: Kamera samochodowa automatycznie usuwa najstarsze pliki po zapelnieniu karty pamięci, aby umożliwić nagrywanie ciągłe. Wybierz tutaj długość pliku wideo do nagrywania w pętli.

WDR - Wł. (domyślnie)/Wył. (wyłączone)

Szeroki zakres dynamiki (WDR) poprawia ekspozycję poprzez łączenie prześwietlonych i niedoświetlonych obrazów w jeden, szeroki zakres oświetlenia o większej głębi ostrości.

Nagrywanie poklatkowe – wł./wył. (domyślnie)

Tryb poklatkowy pozwala uchwycić określone klatki na sekundę ze znacznie niższą prędkością, więc gdy połączysz te klatki i odtworzysz je w standardowej prędkości 30 klatek na sekundę, wszystko w nagraniu poklatkowym będzie wydawało się poruszać szybciej.

System

Język – wielojęzyczny, domyślny angielski.

Umożliwia wybór żądanego języka systemu wideorejestratora.

Informacje GPS – informacje GPS

Wyświetla numery satelitów, datę/czas, długość i szerokość geograficzną, prędkość, kierunek.

Wi-Fi

Domyślnie Wi-Fi jest wyłączone. Po włączeniu Wi-Fi można połączyć się z aplikacją AZDOME, która zostanie pobrana do aplikacji, a kamera będzie wtedy działać w aplikacji AZDOME.

Format – Format

Funkcja ta umożliwia sformatowanie włożonej karty pamięci, dane zostaną usunięte.

Zalecamy formatowanie karty pamięci co 3 miesiące, aby zachować ją w czystości i zapewnić bezproblemowe działanie.

Należy pamiętać, że karty pamięci mają swoją żywotność. Po wielokrotnym użyciu i wielokrotnym zapisie danych, w końcu staną się bezużyteczne. W takim przypadku należy wymienić kartę pamięci.

Resetuj ustawienia – Resetuj ustawienia

Tutaj możesz przywrócić wszystkie ustawienia do wartości fabrycznych.

Wersja

Tutaj możesz sprawdzić aktualną wersję oprogramowania sprzętowego zainstalowaną w aparacie. Ta informacja będzie Ci potrzebna w przyszłości, aby sprawdzić, czy jest dostępna nowsza wersja oprogramowania.

Instrukcje dotyczące najnowszej aktualizacji oprogramowania sprzętowego można znaleźć na stronie: <http://www.azdome.hk/downloads.html>.

Odtwarzanie nagranych filmów

Istnieją dwie opcje odtwarzania nagranych wideo.

1. Na kamerze samochodowej

Kliknij symbol folderu



aby wejść do menu odtwarzania



Wyświetlonych zostanie 6 folderów.

Przedni film alarmowy: filmy alarmowe nagrywane przez przednią kamerę, których nie można nadpisać.

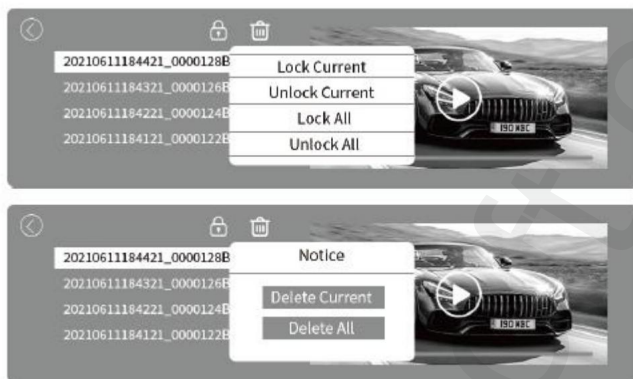
Tylne nagranie wideo z sytuacji awaryjnej: nagrania wideo z sytuacji awaryjnej nagrywane przez tylną kamerę, których nie można nadpisać.

Wideo normalne z przodu: filmy nagrywane przez przednią kamerę.

Wideo normalne z tyłu: filmy nagrywane przez tylną kamerę
kamera.

Zdjęcie przednie: zdjęcie wykonane przednim aparatem.

Zdjęcie tylne: zdjęcie wykonane tylnym aparatem.



Porady:

1. Dotknij 2. wróćisz do poprzedniego interfejsu

Dotknij 3. Dotknij, odtwórz/wstrzymaj plik wideo.

aby ręcznie zablokować/odblokować aktualnie nagrywany film, aby mieć pewność, że NIE zostanie on nadpisany ani usunięty.

4. Kliknij, aby usunąć wybrany plik lub WSZYSTKIE pliki.

Notatka:

Nie można zablokować folderu ze zdjęciami.

2. Na komputerze

1. Wyjmij kartę Micro SD z kamery i włóż ją bezpośrednio do laptopa, jeśli masz gniazdo na kartę Micro SD (w przeciwnym razie użyj czytnika kart Micro SD).

2. Powinieneś zobaczyć dysk o nazwie „D” lub „E” albo innej, w zależności od preinstalowanych dysków twardych. Po znalezieniu dodanego dysku flash kliknij go dwukrotnie, a zobaczysz foldery plików –

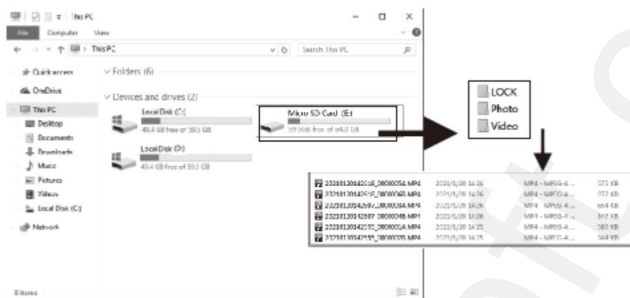
Film/BLOKADA/Zdjęcie

Film: Pętlujące pliki wideo, które można nadpisać.

ZABLOKOWAĆ: Plik wideo, który jest zablokowany w taki sposób, że funkcja nagrywania w pętli NIE MOŻE go usunąć.

Zdjęcie: Służy do przesyłania zdjęć.

3. Następnie wystarczy dwukrotnie kliknąć film, aby go odtworzyć.



Nazwy plików kończące się na literę A zostały wykonane przednią kamerą.

Pliki o nazwach kończących się na literę B zostały wykonane tylną kamerą.

Instalowanie oprogramowania do odtwarzania danych GPS

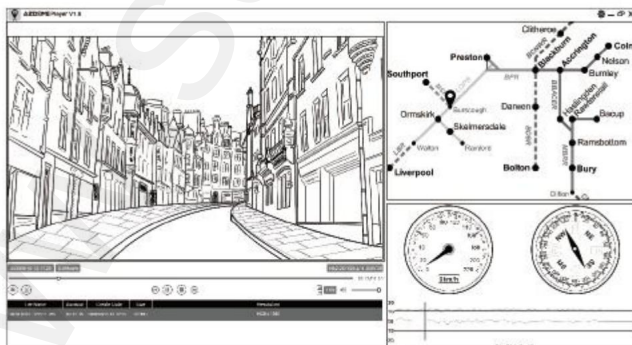
(tylko PC/MAC)

1. Wejdź na naszą stronę internetową www.azdome.hk/downloads i pobierz program AZDOME Player (dla systemów Windows 32-bitowych/64-bitowych lub macOS).

2. Zainstaluj odtwarzacz AZDOME na swoim laptopie, zobacz zdjęcia poniżej.

3. Odtwórz pliki wideo za pomocą odtwarzacza AZDOME, a trasę samochodu zobaczysz na mapie Google.

Wsparcie techniczne AZDOME: service@azdome.hk



Pytania i odpowiedzi

Pytanie 1: Dlaczego obraz z tylnej kamery na ekranie jest odwrócony do góry nogami?

Jeśli masz na to ochotę, skorzystaj z funkcji o nazwie „Backup Cam Mirror Image”.

Pytanie 2: Słaba jakość obrazu z tylnej kamery

Najbardziej prawdopodobną przyczyną jest po prostu brudna soczewka.

Ponieważ wiele kamer montuje się nisko z tyłu samochodu, są one narażone na zabrudzenia błotem, śniegiem, brudem i innymi zanieczyszczeniami.

Na szczęście, rozwiązanie jest proste: należy wyczyścić soczewkę miękką ściereczką (aby uniknąć zarysowania soczewki).

Jeśli nadal nie działa, wyślij e-mail na adres service@azdome.hk.

Pytanie 3: Kamera samochodowa jest gorąca

Tak! Kamera samochodowa tego kalibru to urządzenie naprawdę wysokiej klasy.

Patrząc z technicznego punktu widzenia, nagrywanie wysokiej jakości filmów Full HD wymaga dużej mocy obliczeniowej komputera. Ciepło jest produktem ubocznym całego przetwarzania danych.

Ale bez obaw. Sama obudowa kamery samochodowej służy jako radiator (zwróć uwagę na ładne otwory wentylacyjne), więc możesz odczuć, że jest ciepła lub gorąca w dotyku. Nie martw się, to normalne, a Twoje urządzenie AZDOME działa prawidłowo.

Pytanie 4: Odtwarzanie wideo na moim komputerze jest opóźnione.

Oglądasz wersję plików wideo o wysokiej przepływności. Ogólna konfiguracja Twojego komputera może mieć problemy z szybszym przetwarzaniem danych.

Prześlij filmy w niższej rozdzielczości i spróbuj ponownie. Jeśli problem będzie się powtarzał, skontaktuj się z nami.

Pytanie 5: Dlaczego kamera samochodowa nie rejestruje sygnału GPS?

1. W zależności od pojazdu i lokalizacji, sygnał GPS może być blokowany przez silne fale radiowe. zakłócenia ze strony innych urządzeń elektronicznych w pojeździe,

pochmurna/deszczowa pogoda lub góry, tunele, wysokie budynki po obu stronach drogi, itp.

2. Sprawdź czy GPS działa poprzez wyjęcie modułu GPS z samochodu.

Aby to zadziało, to w samochodzie musi być jakaś silna interferencja, na przykład silna membrana wybuchowa samochodu, przedmiot metalowy, itp.

DEKLARACJA

Kamera samochodowa AZDOME Streaming Mirror Dash Camera jest przeznaczona do użytku jako asystent kierowcy. NIE ponosi ona odpowiedzialności za prowadzenie pojazdu przez kierowcę. Odpowiedzialność prawna i zasady bezpiecznej jazdy zawsze leżą po stronie kierowcy.

Zgadzasz się na używanie tego produktu i rozumiesz, że jest on przeznaczony wyłącznie do użytku pomocniczego. Zdecydowanie zalecamy zlecenie profesjonalnego montażu tego produktu, aby mieć pewność, że będzie on spełniał swoje przeznaczenie. W przypadku zmiany decyzji o zakupie lub zwrotu produktu, firma NIE ponosi odpowiedzialności za jakiegokolwiek otwory ani modyfikacje montażowe dokonane w Twoim pojeździe.

OGŁOSZENIE

- W żadnym wypadku nie należy narażać tego produktu na działanie deszczu, wilgoci lub wody, w przeciwnym razie ulegnie uszkodzeniu zewnętrznemu lub wewnętrznemu.

- Nie umieszczaj urządzenia w wilgotnym środowisku. To urządzenie nie jest zaprojektowane tak, aby było odporne na wilgoć.

- Nie próbuj otwierać pokrywy ani jej naprawiać samodzielnie.

Jeśli wystąpią jakiegokolwiek problemy z akcesoriami tego urządzenia, należy skontaktować się ze sprzedawcą w celu uzyskania pomocy.

- Nie wystawiaj urządzenia na działanie nadmiernego ciepła, kurzu ani nie używaj żadnych środków chemicznych lub rozpuszczalników do jego czyszczenia.

- Nie używaj ani nie instaluj kamery podczas jazdy, nie próbuj zmieniać żadnych ustawień itp. Najpierw zjedź z drogi i zrób to dopiero wtedy, gdy będzie to bezpieczne.

- Nie upuszczaj, nie przekuwaj, nie rozmontowuj ani nie wrzucaj tego produktu do ognia.

Zawiera baterię i może wybuchnąć w przypadku niewłaściwego obchodzenia się z nią.

- Nie używaj ładowarki, jeśli kabel jest uszkodzony lub zerwany.

Przechowywać poza zasięgiem dzieci.

- Nie wystawiaj aparatu na bezpośrednie działanie promieni słonecznych przez dłuższy czas ani w miejscach, w których temperatura może przekroczyć 60°C (140°F).

- Jeśli nie używasz kamery, zalecamy wyjęcie jej z pojazdu.

Zapobiegnie to możliwości kradzieży lub narażenia na nadmierne ciepło i zapobiegnie uszkodzeniu urządzenia.

Dystrybutor

Sunnysoft sro

Kovanecka 2390/1a

190 00 Praga 9

Czechy

www.sunnysoft.cz



Uživatelský manuál

AR09



AZDOME

Enjoy Your Smart Driving

Pred prvo uporabo natančno preberite ta priročnik.
Priročnik shranite za poznejšo uporabo.

Prikazane slike in ilustracije se lahko razlikujejo glede na model naprave.

GARANCIJA IN PODPORA STRANKAM

Za vsa vprašanja, podporo ali pritožbe nas kontaktirajte na info@azdome.hk. Če nam lahko posredujete fotografije ali videoposnetke, ki prikazujejo vašo težavo, bomo hvaležni.

OBVESTILO

Pred uporabo preberite opozorila in varnostna navodila.

1. Prepričajte se, da je kamera vedno priključena na napajanje, saj notranja baterija kamere NI zasnovana za več kot 3–5 minut delovanja, odvisno od izbrane ločljivosti videa.

2. Pred začetkom snemanja morate vstaviti pomnilniško kartico.

Vstavite samo kartico Micro-SD znamke s hitrostjo razreda 10 ali višje.

3. Pred prvo uporabo MORATE formatirati pomnilniško kartico v fotoaparatu, da preprečite morebitne napake in zagotovite nemoteno delovanje.
promet.

4. Nastavitve datuma in časa: Nastavite pravilen datum in čas, glejte stran 14.

Specifikacije

Model	AR09
Mikrofon/zvočnik	Vgrajeno
Format fotografije	JPG
Video format	MP4
Ločljivost videa	Spredaj: 1440 slikovnih pik, 1080 slikovnih pik; Zadaj: 1080 slikovnih pik
Pomnilniška kartica	Micro-SD, razred 10 ali višji
Napajalnik	5V/3A
Delovna vlažnost	10 – 70 %
Baterija	500 mAh, litijeva
Brezžično omrežje	Da, aplikacija AZDOME
GPS	Podpora, potreben je GPS modul
Zančno snemanje	Podpora
Zaznavanje gibanja	Ne
Parkirni monitor	Podpora, potrebna je namestitve kompleta

Vsebina paketa



spretna kamera



nosilec za zadnjo kamero • lepilni nosilci kablov
in 6 m kabla



montažna lomilka



antirefleksna folija



navodila



krpo



Komplet za čiščenje



• napajalni kabel 340 cm



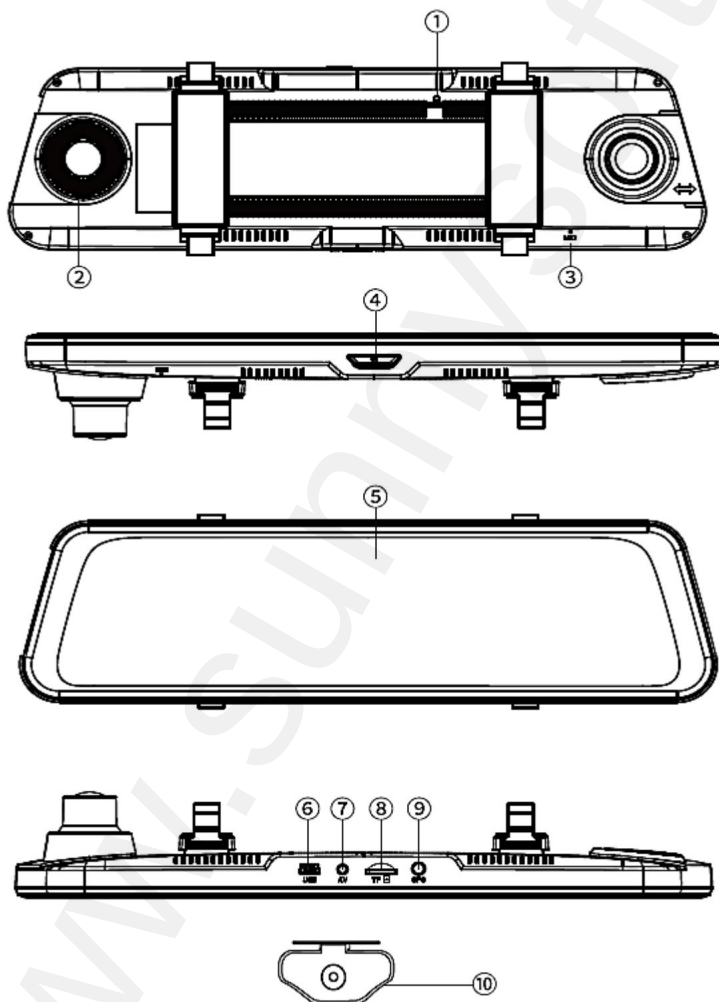
2 kompleta gumic

Opomba: Za izboljšanje delovanja izdelka se vsebina tega priročnika lahko spremeni brez predhodnega obvestila.

Diagram izdelka

1	Ponastavi	Vstavite zatič v odprtino »RESET«, da napravo znova zaženete, ko se ne odziva.
2	zvočnika	Vgrajen zvočnik
3	Mikrofon	Snemanje zvoka
4	Gumb za vklop	- En pritisk za vklop naprave - Pritisnite in držite 3 sekunde, da izklopite napravo - Kratek pritisk za vklop/izklop zaslona med snemanjem
5	Zaslon	Zaslon na dotik
6	MiniUSB vrata	Priključite kabel MINI USB in napolnite baterijo
7	AV-vhod	Povezovanje z zadnjo kamero

8	Reža za kartico Micro SD	Podpora za Micro SD, razred 10 ali novejši, U3 visoke hitrosti
9	GPS	Preverjanje poti pri predvajanju videoposnetkov prek predvajalnika AZDOME
10	Zadnja kamera snema	vzratno vožnjo



Namestitev

Namestitev kartice Micro SD

1. Prepričajte se, da je kamera na armaturni plošči izklopljena.
2. Vstavite kartico Micro-SD do polovice (ZLATI kontakti - proti zadnji strani stran/leča).
3. Zdaj kartico nežno potisnite navznoter, dokler se ne zaskoči in ne zaskoči.
4. Uporabljati je dovoljeno samo kartico Micro-SD znane blagovne znamke s hitrostjo razreda 10, U3 ali višje.

Odstranjevanje kartice Micro SD

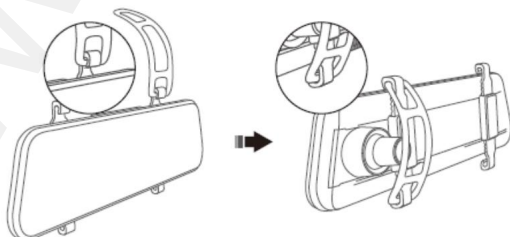
- Če želite odstraniti kartico Micro SD, nežno potisnite njen zgornji rob navznoter, dokler ne klikne in nato izskoči, nato pa ga preprosto izvlecite iz reže.

POMEMBNE INFORMACIJE O POMNILNI KARTICI

1. Ne odstranjujte ali vstavljajte kartice Micro SD, ko je kamera vklopljena. pomnilniška kartica se lahko poškoduje.
2. Kadar koli vstavite kartico Micro SD, jo formatirajte v kameri, da zagotovite. Prepričajte se, da je kartica Micro SD združljiva s kamero.

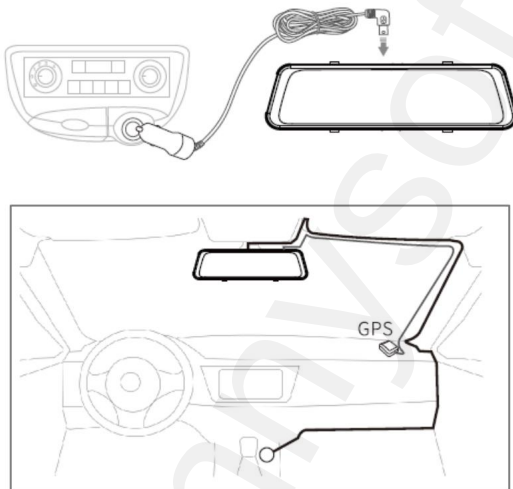
Namestitev sprednje kamere

1. Ugasnite motor vozila. Vstavite kartico Micro SD v režo za kartico Micro SD. vgrajene kamere.
 2. Namestite gumijaste nosilce na zgornje pritrdilne sponke (obstajata 2 vrsti nosilcev; uporabite tistega, ki je primeren za vaš avto). Kamero v vzvratnem ogledalu namestite na sprednji del obstoječega vzvratnega ogledala tako, da se objektiv kamere prekriva z robom vzvratnega ogledala.
- Spodnje gumijaste nosilce namestite na ogledalo in jih pritrdite na spodnjo pritrdilno sponko.



3. En konec kabla avtomobilskega polnilnika priključite na vhod USB na vrhu kamere v ogledalu. Drugi konec kabla avtomobilskega polnilnika priključite v vtičnico za vžigalnik v vozilu. Kabel napeljite vzdolž konzole vozila.

4. Priključite GPS modul na kamero v armaturni plošči in odstranite nalepko GPS modula. in ga namestite na armaturno ploščo vozila.



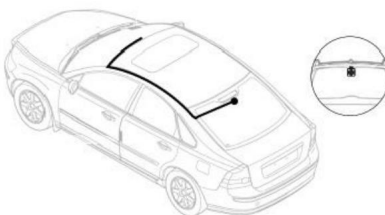
Namestitev zadnje kamere

Zadnja kamera je opremljena s 6-metrskim kablom in se prek AV-vhoda poveže z armaturno kamero. Pred namestitvijo preverite, ali je priloženi kabel dovolj dolg, da doseže zadnjo kamero v vašem avtomobilu.

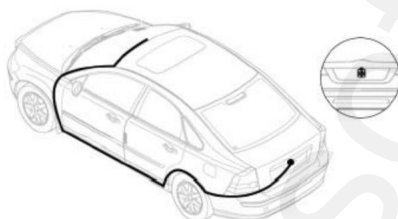
1. Zadnjo kamero lahko namestite na dve mesti: zadnje steklo / zgoraj registracijska oznaka.

Položaj 1: Namestite zadnjo kamero na zadnje steklo.

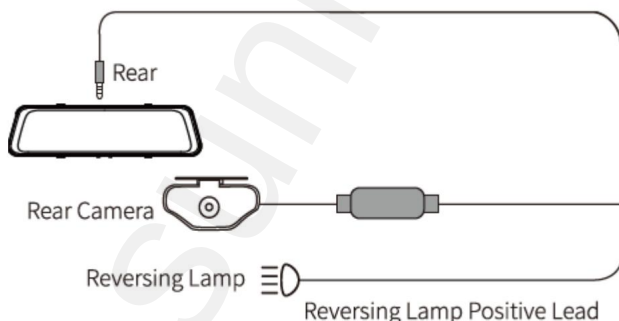
Položaj 1 je namenjen samo prenosu v živo iz vzvratne slike, ne pa vodenju pri vzvratni vožnji.



Položaj 2 (priporočeno): Namestite zadnjo kamero blizu registrske tablice. Kabel kamere napeljite v notranjost vozila tako, da izvrtate novo luknjo ali po možnosti uporabite obstoječo luknjo za osvetlitev registrske tablice. Kamero pritrdite z dvema priloženima vijakoma in dvostranskim lepilnim trakom. Slika zadnje kamere je ostra in jasna tako za spremljanje vzratne vožnje kot za vodenje vzratne vožnje.



Za uporabo funkcije vzratne vožnje namestite zadnjo kamero v položaj 2 in nato s testno lučko ali multimetrom priključite rdečo žico podaljška kabla zadnje kamere na anodo vzratne luči avtomobila, da ugotovite, katera žica je pozitivna.



Zadnji del – zadnji del

Zadnja kamera

Vzratna luč – zadnja luč

Pozitivni vodnik vzratne luči

2. Ko priključite vse vtiče in napajanje, vklopite kontakt.

Vključite vzratno prestavo in če je vse pravilno priključeno, se bo slika iz zadnje kamere prikazala v ogledalu.

Opomba:

1. Pred namestitvijo zadnje kamere očistite izbrano mesto, da zagotovite kakovost lepila.
2. Če izberete položaj 1, redno čistite zadnje steklo, da zagotovite kakovost slike.
3. Če izberete položaj 2, lahko namestite zadnjo kamero z uporabo priložene nalepke ali vijaki.
4. Privijte vijake, da nastavite kamero na želeni kot gledanja.

Namestitev

Vklop/izklop

Možnost 1: Zaženite motor in kamera v ogledalu se bo vklopila. samodejno vklopi; ustavitev motorja bo samodejno izklopila kamero.

Možnost 2: Enkrat pritisnite, da vklopite napravo; pritisnite in držite 3 sekunde, da izklopite napravo.

Vklop/izklop zaslona

Preprosto enkrat pritisnite gumb za vklop, da izklopite zaslon (vendar lahko še vedno snemate), ko je kamera v avtomobilu vklopljena.

Za prebujanje kamere znova pritisnite ali tapnite zaslon na dotik.

FORMATIRANJE POMNILNE KARTICE

1. Dotaknite se  za vstop v meni Nastavitve.
2. Dotaknite se možnosti »Sistem« in nato »Format«.
3. Dotaknite se gumba »V redu«.

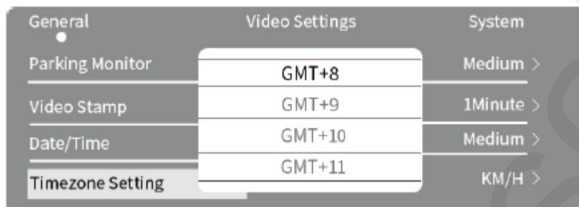
Opomba:

1. Ne odstranjujte ali vstavljajte kartice Micro SD, ko je kamera vklopljena. pomnilniška kartica se lahko poškoduje.

2. Kadar koli vstavite kartico Micro SD, jo formatirajte v kameri, da zagotovite Prepričajte se, da je kartica Micro SD združljiva s kamero.

Nastavitev časovnega pasu, datuma in ure

1. Priključite modul GPS.
2. Najprej nastavite vrednost GMT.



The screenshot shows a settings menu with three tabs: General, Video Settings, and System. The 'General' tab is selected. Under the 'General' tab, there are four settings: Parking Monitor, Video Stamp, Date/Time, and Timezone Setting. The 'Timezone Setting' is currently selected, and a list of GMT offsets is displayed: GMT+8, GMT+9, GMT+10, and GMT+11. The 'Date/Time' setting is set to Medium, and the 'System' setting is set to KM/H.

3. Nastavite datum in čas (leto – mesec – dan – ura – minuta)

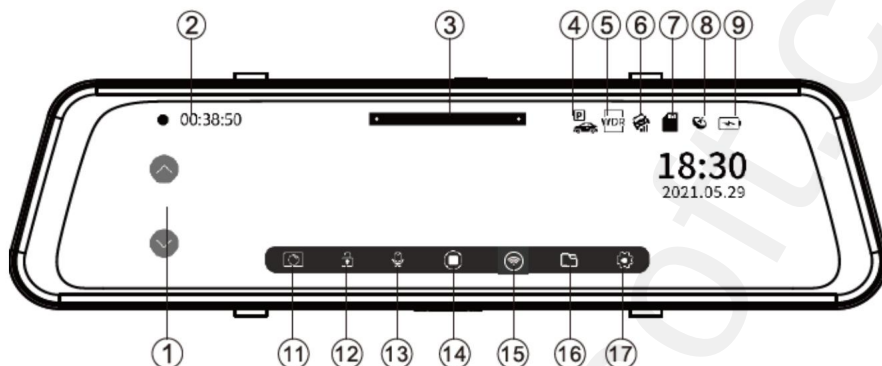


The screenshot shows a 'Date/Time' settings screen. It features a grid of buttons for selecting the year, month, day, hour, and minute. The year is set to 2020, the month to 05, the day to 20, the hour to 21, and the minute to 15. Below the grid are 'Cancel' and 'OK' buttons.

Kamera v armaturni plošči samodejno posodobi datum in čas glede na izbrano vrednost GMT, ko prejme signal GPS.

Več informacij najdete na <https://www.timeanddate.com/time/map/> pravilna vrednost GMT (greenwiški srednji čas) glede na vašo lokacijo.

Funkcije gumbov



1	Prilagodite kot gledanja	Za nastavitev kota gledanja se dotaknite puščic gor/dol; pri gledanju z dvojno kamero ta funkcija ne deluje.
2	Časovnik snemanja	Prikaže pretečeni čas snemanja.
3	Nadzor svetlosti zaslona	Za povečanje ali zmanjšanje svetlosti zaslona premaknite vrstico za svetlost.
4	Parkiranje monitor	Prikazuje stanje načina parkiranja.
5	Srednjeposnetki prikaz	Prikazuje stanje WDR.
6	G-senzor	Prikazuje stanje G-senzorja.
7	Mikro SD kartica kartica	Prikazuje stanje kartice Micro-SD.
8	GPS	Prikazuje stanje GPS-a.
9	Baterija	Prikazuje stanje baterije.
10	Datum/ura	Prikaže datum in uro.
11	Fotografiranje	Tapnite, da posnamete fotografijo in jo shranite v pomnilnik.
12	Zasilna ključavnica	Kliknite simbol odprte ključavnice, da zaklenete trenutni videoposnetek, tako da ga ni mogoče izbrisati ali prepisati. Dotaknite se simbola Snemanje boste znova začeli z zaprto ključavnico.
13	Zvok	Dotaknite se mikrofona, da ga vklopite ali izklopite.
14	Snemanje	Dotaknite se, da končate snemanje in ga shranite na pomnilniško kartico.

15	Brzdoči internet	Tapnite za vklop Wi-Fi-ja, tapnite znova za izklop.
16	Predvajanje	Kliknite za vstop v meni s posnetimi videoposnetki in fotografijami.
17	Nastavitve sistem	Vstopili boste v sistemske nastavitve.

Funkcija

Na splošno

Parkirni monitor – Parkirni monitor – vklop/izklop (privzeto)

Ko je funkcija »Parking Monitor« vklopljena in priključena na vžigalnik za cigarete (napajanje), bo kamera samodejno začela snemati video približno 60 sekund in se zaklenila, ko zazna trčenje/udarec. Kamera uporablja notranjo baterijo (500 mAh) za zaznavanje udarca ali sunka, zato podpira omejen čas snemanja videa 60 sekund. Ta način močno prihrani energijo in zaščiti akumulator vašega avtomobila.

Če želite uporabljati 24-urni nadzor parkiranja, glejte spodaj.

G-senzor – G-senzor - Izklopljeno/ Visoko/ Srednje (privzeto)/ Izklopljeno

G-senzor je triosni merilnik pospeška, zasnovan za zaznavanje fizikalnih in gravitacijskih sil, ki delujejo na kamero. Med snemanjem videa: V primeru, da se G-senzor sproži zaradi fizikalne ali gravitacijske sile, ki deluje na kamero, se bo trenutna dolžina cikla zanke video datoteke zaklenila, tako da je funkcija cikla zanke NE bo izbrisala.

Video žig – Video žig Z- Vklopljeno (privzeto) / Izklopljeno -

Ta meni oznak vam omogoča izbiro oznak na dnu videoposnetka.

Datum in ura, hitrost, GPS koordinate, logotip in model AZDOME.

Ohranjevalnik zaslona - 1 (privzeto)/3/5 minut/izklopljeno

1/3/5 minut: LCD-zaslon kamere se bo izklopil po 1/3/5 minutah.

ampak še vedno snema.

Izklopljeno: LCD-zaslon kamere bo vedno vklopljen.

Časovni pas – Časovni pas

Iz časovnega pasu GMT-12 v GMT+12.

Nastavitev časa/datuma

Nastavitev datuma in ure.

Zvok tipk - Izklopljeno/Nizko/Srednje
(privzeto)/Visoka

Ta funkcija vam omogoča vklop/izklop zvoka gumba kamere in morebitne glasovne potrditve.

Enota za hitrost - KM/H (privzeto)/MPH

Glede na vašo izbiro lahko izberete želeno možnost označevanja hitrosti, ki bo prikazana in posneta na videoposnetku.

Frekvenca - 50 Hz/60 Hz (privzeto)

Tukaj morate izbrati frekvenco glede na specifikacijo napajalnika, ki se uporablja v vaša država glede na vašo geografsko lokacijo.

60 Hz (ZDA - Severna Amerika)

50 Hz (Evropa - večina azijskih držav)

Oblika opomnika - Izklopljeno/15 dni/30 dni (privzeto)/60 dni

Ta funkcija vam omogoča, da nastavite OPOMNIK ZA FORMATIRANJE za formatiranje pomnilniške kartice. Ko je nastavljena, vas bo fotoaparat v nastavljenem intervalu opomnil na formatiranje pomnilniške kartice.

Parkirna linija – Parkirna linija je vklopljena
(privzeto)/Izklopljeno

Vklopljeno: Funkcija se aktivira, ko je vklopljena vzvratna prestava.

Slika s kamere se prikaže na zaslonu armaturne kamere skupaj s črto za pomoč.

Izklopljeno: Funkcija se aktivira, ko je vklopljena vzratna prestava.

Slika kamere bo prikazana na zaslonu kamere v avtomobilu, vendar BREZ

telefonske linije za pomoč.

Vzratno video ogledalo - Vklopljeno (privzeto)/Izklopljeno

Vklopljeno: Slika na zaslonu kamere na armaturni plošči se ujema s sliko v vzratno ogledalo.

Način parkiranja s časovnim zamikom -
vklop/izklop (privzeto)

Ta meni se prikaže SAMO, če je priključen na trižični sistem.
trdno vodstvo.

Način parkiranja s časovnim zamikom VKLOPLJEN: Kamera na armaturni plošči bo posnela fotografije s hitrostjo 1 sličice na 1 sekundo in jih združila v videoposnetek, kar znatno optimizira porabo pomnilniške kartice.

Kako nastaviti 24-urni način parkiranja

Če se priključite na trižični komplet za ožičenje AZDOME, obstajajo
Na voljo sta dva načina parkiranja, ki veljata 24 ur na dan:

1. Z vklopljenim načinom »Način parkiranja« / izklopljenim načinom »Način parkiranja s časovnim zamikom«: Kamera na armaturni plošči bo posnela neomejeno število 60-sekundnih videoposnetkov in se nato izklopila, kadar zazna trčenje/udarec.

Ta način je idealen, če:

- Parkirali ste na mirnem območju ali želite imeti zvok za vse okoliščine.

1) Ko ugasnete motor vozila. Izklopi se tudi kamera.

2) Kamera na armaturni plošči bo samodejno začela snemati videoposnetek za obdobje približno 60 sekund in ga zaklene, ko zazna kakršen koli trk/udar.

3) Ob naslednjem zagonu vozila se bo kamera vklopila in samodejno prekllopila v običajni način snemanja videa – zanko.

2. Ko je »Način parkiranja« izklopljen / »Način parkiranja s časovnim zamikom« je vklopljen: Kamera na armaturni plošči bo posnela fotografije s hitrostjo 1 sličic na 1 sekundo in jih združila v videoposnetek, kar znatno optimizira porabo pomnilniške kartice.

Ta način je idealen, če:

- Parkirali ste na prometnem območju s težkim prometom vozil in pešcev (npr. parkirišče v nakupovalnem središču).
- Želite imeti hiter pregled nad vsem, kar se dogaja okoli vašega parkiranega avtomobila.

1) Ko ugasnete motor vozila, kamera PRENEHA snemati v zanko in samodejno preklopi v način parkiranja s časovnim zamikom.

2) Če je ta način parkiranja s časovnim zamikom aktiviran in nekdo trči v vaš avto, bo kamera zaklenila video datoteko in jo shranila v mapo LOCK na kartici Micro SD > nato pa se bo pomaknila v način snemanja parkiranja s časovnim zamikom.

3) Ko boste naslednjič zagnali vozilo, bo kamera samodejno ustavila način parkiranja s časovnim zamikom. Nato bo samodejno preklopila v običajni način videa – način snemanja v zanki.

Opomba::

- Video datoteke v načinu časovnega zamika se predvajajo z večjo hitrostjo in med predvajanjem se ne uporablja zvok.

- Če sta funkciji »Način parkiranja« in »Počasni zamik« omogočeni hkrati »Način parkiranja«, bo imel prednost način parkiranja s časovnim zamikom.

Nastavitve videa

Video ločljivost - 1440 (privzeto)/1080P30

Omogoča vam izbiro želene ločljivosti videa. Videoposnetki z višjo ločljivostjo in večjim številom sličic na sekundo so bolj gladki, vendar zavzamejo tudi več prostora za shranjevanje.

Zančno snemanje - 1 min/3 min (privzeto)/5 min Omogoča neprekinjeno snemanje z avtomobilsko kamero. Opomba: Avtomatska kamera bo samodejno izbrisala najstarejše datoteke, ko je pomnilniška kartica polna, da bo lahko snemala neprekinjeno. Tukaj izberite dolžino video datoteke za zančno snemanje.

Sirokopsosteni prikaz - Vključeno (privzeto)/Izključeno (onemogočeno)

Širok dinamični razpon (WDR) izboljša osvetlitev tako, da združi preveč in premalo osvetljene slike v en robusten širok razpon osvetlitve z večjo globinsko ostrino.

Snemanje s časovnim zamikom - vklop/izklop (privzeto)

Način časovnega zamika omogoča zajemanje določenih sličic na sekundo z veliko nižjo hitrostjo, zato se zdi, kot da se vse v posnetku s časovnim zamikom premika hitreje, ko te sličice združite in jih predvajate z običajnimi 30 sličicami na sekundo.

Sistem

Jezik – večjezičen, privzeta angleščina.

Omogoča vam izbiro želenega jezika za sistem kamere na armaturni plošči.

Informacije GPS – informacije GPS

Prikazuje številke satelitov, datum/čas, zemljepisno dolžino, zemljepisno širino, hitrost, smer.

BrezDoma internet

Privzeto je WiFi izklopljen. Če vklopite WiFi, se lahko kamera poveže z aplikacijo AZDOME, ki se bo prenesla vanjo, in kamera bo nato delovala v aplikaciji AZDOME.

Oblika – Oblika

Ta funkcija vam omogoča formatiranje vstavljene pomnilniške kartice, vse podatki bodo izbrisani.

Priporočamo, da pomnilniško kartico formatirate vsake 3 mesece, da ostane čista in deluje brez težav.

Upoštevajte, da imajo pomnilniške kartice svojo življenjsko dobo. Po številnih uporabah, pri katerih se nanje vedno znova zapisujejo podatki, sčasoma postanejo neuporabne. Ko se to zgodi, zamenjajte pomnilniško kartico.

Ponastavi nastavitve – Ponastavi nastavitve

Tukaj lahko vse nastavitve ponastavite na tovarniške privzete vrednosti.

Različica

Tukaj lahko preverite trenutno različico vdelane programske opreme, nameščeno v vašem fotoaparatu. Te podatke boste v prihodnje potrebovali za preverjanje, ali je na voljo novejša različica vdelane programske opreme.

Za najnovejša navodila za posodobitev vdelane programske opreme obiščite: <http://www.azdome.hk/downloads.html>

Predvajanje posnetih videoposnetkov

Za predvajanje posnetega videoposnetka sta na voljo dve možnosti.

1. Na avtomobilski kameri

Kliknite na simbol mape



za vstop v meni za predvajanje



Prikazanih bo 6 map.

Sprednji videoposnetek v sili: videoposnetki v sili, ki jih je posnela sprednja kamera, vendar jih ni mogoče prepisati.

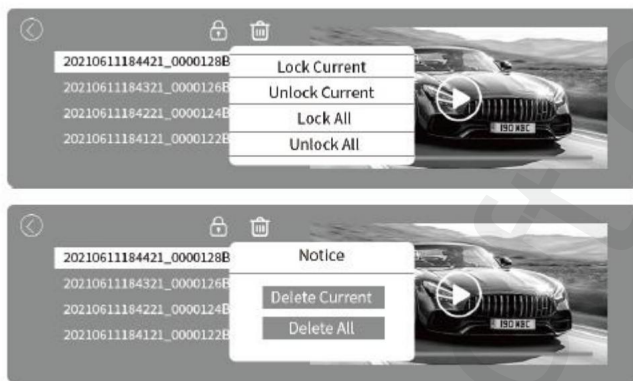
Videoposnetek v sili zadaj: videoposnetki v sili, ki jih je posnela zadnja kamera, vendar jih ni mogoče prepisati.

Sprednji običajni video: videoposnetki, posneti s sprednjo kamero.

Običajni video zadaj: videoposnetki, posneti z zadnjim kamero.

Sprednja fotografija: fotografija, posneta s sprednjo kamero.

Zadnja fotografija: fotografija, posneta z zadnjo kamero.



Nasveti:

1. Tapnite 2. vrnil se boste na prejšnji vmesnik

Tapnite 3. Tapnite predvajanje/začasna ustavev video datoteke.

za ročno zaklepanje/odklepanje trenutno snemanega videoposnetka, da zagotovite, da NE bo prepisan ali izbrisan.

4. Tapnite za brisanje izbrane datoteke ali VSEH datotek.

Opomba:

Mape s fotografijami ni mogoče zakleniti.

2. V računalniku

1. Odstranite kartico Micro SD iz fotoaparata in jo vstavite neposredno v prenosnik, če ima režo za kartico Micro SD (sicer uporabite bralnik kartic Micro SD).

2. Videti bi morali pogon z imenom »D« ali »E« ali drugim imenom, odvisno od prednameščenih trdih diskov. Ko najdete dodan pogon USB, ga dvokliknite in videli boste mape z datotekami -

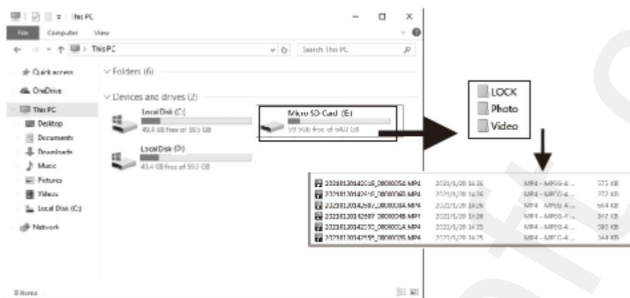
Film/ZAKLEP/Fotografija

Film: Zanke z videoposnetki, ki jih je mogoče prepisati.

ZAKLEP: Video datoteka, ki je zaklenjena, tako da je funkcija zančnega snemanja NE MORE izbrisati.

Fotografija: Uporablja se za nalaganje fotografij.

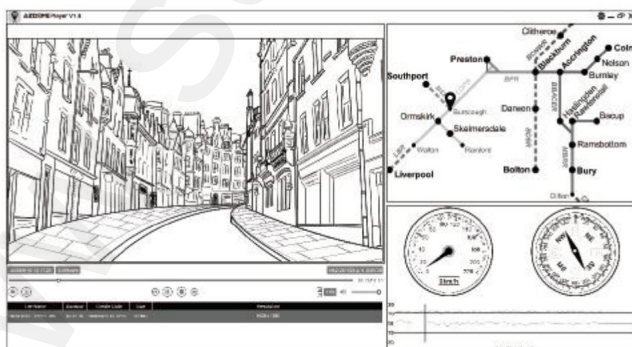
3. Nato preprosto dvokliknite videoposnetek, da ga predvajate.



Imena datotek, ki se končajo s črko A, so bila posneta s sprednjo kamero.
Imena datotek, ki se končajo s črko B, so bila posneta z zadnjo kamero.

Namestitev programske opreme za predvajanje podatkov GPS (samo za PC/MAC)

1. Obiščite našo spletno stran www.azdome.hk/downloads in prenesite program AZDOME Player (za 32-bitni/64-bitni sistem Windows ali macOS).
 2. Namestite AZDOME Player na svoj prenosnik, glejte fotografije spodaj.
 3. Predvajajte video datoteke s predvajalnikom AZDOME in videli boste pot avtomobila na zemljevidu Google.
- Tehnična podpora AZDOME: service@azdome.hk



Vprašanja in odgovori

Vprašanje 1: Zakaj je slika zadnje kamere na zaslonu obrnjena na glavo?

Glede na vašo navado uporabite funkcijo »Zrcalna slika varnostne kamere«.

Vprašanje 2: Slaba kakovost slike zadnje kamere

Najverjetnejši vzrok je preprosto umazana leča.

Ker je veliko kamer nameščenih nizko na zadnjem delu avtomobila, se lahko slike umažejo zaradi blata, snega, umazanije ali drugih ostankov.

Na srečo je popravilo enostavno: lečo očistite z mehko krpo (da je ne opraskate).

Če še vedno ne deluje, pošljite e-pošto na service@azdome.hk.

Vprašanje 3: Kamera na armaturni plošči je vroča

Ja! Kamera za armaturno ploščo tega kalibra je precej vrhunska naprava.

Če pomislimo s tehničnega vidika, zajemanje visokokakovostnega videa v polni visoki ločljivosti zahteva veliko računalniške procesorske moči. Toplota je stranski produkt vse obdelave podatkov, ki se dogaja.

Ampak brez skrbi. Ohišje kamere za avtomobilski vžig se dejansko uporablja kot hladilnik (bodite pozorni na lepe odprtine), zato boste morda opazili, da je na dotik toplo ali vroče. Brez skrbi, to je normalno in vaša naprava AZDOME deluje, kot bi morala.

Vprašanje 4: Predvajanje videoposnetkov na mojem računalniku zaostaja.

Gledate različico video datotek z visoko bitno hitrostjo. Splošna konfiguracija vašega računalnika ima morda težave s hitrejšo obdelavo podatkov.

Naložite videoposnetke v nižji ločljivosti in poskusite znova. Če težava ne izgine, se obrnite na nas.

Vprašanje 5: Zakaj kamera v avtomobilu ne more zajeti GPS signala?

1. Odvisno od vozila in lokacije je lahko signal GPS blokiran zaradi močnih radijskih valov.
motnje drugih elektronskih naprav v vozilu,

oblačno/deževno vreme ali gore, predori, visoke stavbe na obeh straneh ceste itd.

2. Preverite, ali GPS deluje, tako da odstranite modul GPS iz avtomobila.

Če deluje, potem mora biti v avtomobilu močna motnja, na primer močna eksplozijska membrana avtomobila, kovinski predmet itd.

IZJAVA

AZDOME Streaming Mirror Dash Camera je namenjena uporabi kot voznikov pomočnik in NE prevzema odgovornosti za vožnjo vozila od voznika.

Pravna odgovornost in načela varne vožnje vedno ostajajo na vozniku.

Strinjate se z uporabo tega izdelka in razumete, da je namenjen le kot pripomoček. Toplo priporočamo, da izdelek namesti strokovnjak, da zagotovite njegovo delovanje. V primeru, da si premislite o nakupu tega izdelka ali ga vrnete, podjetje NE odgovarja za morebitne luknje ali spremembe pri namestitvi na vašem vozilu.

OBVESTILO

- Izdelka pod nobenim pogojem ne smete izpostavljati dežju, vlagi ali voda, sicer se bo poškodoval od zunaj ali od znotraj.

- Naprave ne postavljajte v vlažno okolje. Ta naprava ni zasnovan tako, da je odporen na vlago.

- Ne poskušajte sami odpreti ali popraviti pokrova.

Če se pojavijo kakršne koli težave z dodatno opremo te naprave, se za pomoč obrnite na svojega prodajalca.

- Naprave ne izpostavljajte prekomerni vročini, prahu in za čiščenje ne uporabljajte kemikalij ali čistilnih topil.

- Kamere ne uporabljajte ali nameščajte med vožnjo in ne poskušajte spreminjati nastavitve itd. Najprej se ustavite s ceste in to storite šele, ko je to varno.

- Izdelka ne mečite, ne prebadajte, ne razstavljajte in ne mečite v ogenj. Vsebuje baterijo in lahko eksplodira, če z njim ne ravnate pravilno.

- Polnilnika ne uporabljajte, če je kabel pretrgan ali poškodovan.

Hraniti izven dosega otrok.

- Fotoaparata ne puščajte na neposredni sončni svetlobi dlje časa ali na mestih, kjer lahko temperatura preseže 60 °C (140 °F).

- Če kamere ne uporabljate, priporočamo, da jo odstranite iz vozila.

S tem boste preprečili verjetnost kraje ali izpostavljenost prekomerni vročini, da se prepreči poškodba enote.

Distributer

Sunnysoft d.o.o.

Kovanečka 2390/1a

190 00 Praga 9

Češka republika

www.sunnysoft.cz

Owner's Manual

AR09



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Dongguan, Guangdong, 523660, CN



V2.0

AZDOME

Enjoy Your Smart Driving

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•» WARRANTY & CUSTOMER SUPPORT

We provide 12-Month of limited warranty for your product from the date of purchase to be free from defects in materials and craftsmanship.

For questions, support, or warranty claims, contact us at **info2@azdome.hk** with you Order Number. If you can provide the photos or video to show your problem we will be appreciated.

IMPORTANT: Proof of original purchase (Online order receipt is also accepted) is required for any warranty service. AZDOME can only provide after sales service for products purchased directly from AZDOME. If you have purchased from a different seller, please contact them directly for service or warranty issues.



info2@azdome.hk

•» NOTICE

Please read and understand warnings & safety instructions before operating.

- ① Make sure to always keep the camera plugged into the power, because camera's internal battery is NOT meant to last more than 3-5 minutes depending on the video resolution you choose.
- ② You will need to insert a memory card before you can start recording. Please insert only a brand name Class-10 or above higher speed Micro-SD card.
- ③ Before first time use, you MUST format the memory card in the camera to prevent any errors and for smooth operation.
- ④ Setting Date & Time: Please set the correct date and time, please refer to page EN-14.

» SPECIFICATION

Model	AR09
Mic/Speaker	Built In
Photo Format	JPG
Video Format	MP4
Video Resolution	Front:1440P;1080P Rear: 1080P
Memory Card	Class 10 or above high-speed Micro SD card
Car Inverter DC	5V/3.0A
Relative Humidity	10%-70%
Battery	500mAh lithium battery
WiFi	Yes. AZDOME APP
GPS Track	Support, need to connect GPS Module
Loop Recording	Support
Motion Detection	No
Parking Monitor	Support, 24 hours Parking Monitor need to connect 3-lead hard-wire kit

» PACKING LIST



Mirror Dash cam



Rear Dash cam (6M cable)



USB Car Charger
(3.5M Cable)



4 Rubber Fasteners



5 x Cable Clips



Wire Trim Tool



Anti-glare Screen Film



User Manual



Cleaning Cloth

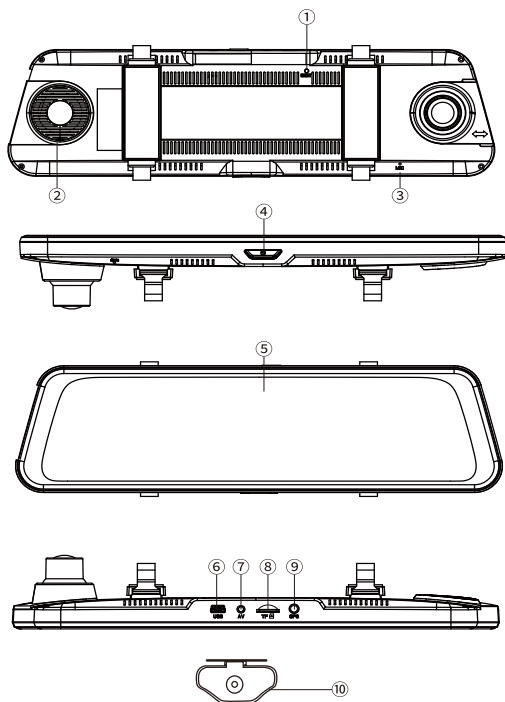


Dry Wet Cloth Pack

Note

• To improve the performance of the product, the contents of this manual are subject to change without prior notice.

» PRODUCT DIAGRAM



#	Component	Description
1	Reset	Insert a pin to 'RESET' hole to reboot when device is Not Responding
2	Speaker	Built in speaker
3	Microphone	Records audio
4	Power Key	-Press once to turn on device -Press and hold 3 seconds to turn off device -Short press to turn off/on screen when recording
5	Screen	Touching Screen
6	Mini USB Port	Connect to MINI USB cable & charge battery
7	AV-IN	Connect to rear camera
8	Micro SD Card Slot	Support Micro SD, Class 10 or above, U3 high-speed
9	GPS	Check your route when you playback the videos Via AZDOME Player
10	Rear Camera	Records rear side

» INSTALLATION

Install Micro SD Card

1. Make sure the dash cam is turned OFF.
2. Insert the Micro-SD Card half way in (GOLD Contacts - Facing the Back/Lens Side)
3. Now gently push the card in until it clicks & looks in place.
4. Must use only Brand Name, Class-10, U3 or higher speed Micro-SD Card.

Remove Micro SD Card

-To remove the Micro SD card, gently push its top edge inward until it clicks, and then pops out, then simply pull it out of the slot.

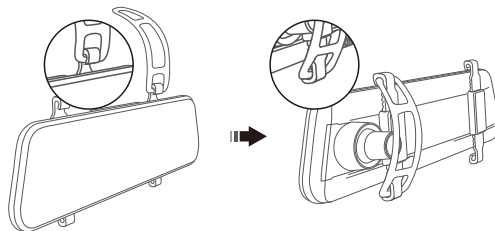
MOST IMPORTANT about Memory CARD

1. Do not remove or insert Micro SD card when the camera is powered on which may damage the memory card.
2. Every time you insert a Micro SD card, please format it in the camera to ensure that the microSD card is compatible with the camera.

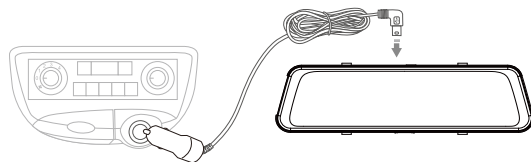
Front Camera Installation

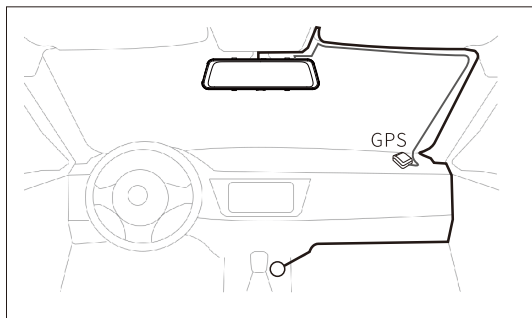
1. Turn off the car's engine. Insert a Micro SD card into the Micro SD slot of the dash cam.

2. Loop the rubber fasteners over the top fastener clips (There are 2 types of fasteners; please use which ever suits your car; Put the mirror dash cam in position on the front face of your existing rear view mirror ensuring the camera lens clears the edge of your rear view mirror. Loop the bottom rubber fasteners over the mirror and attached to the bottom fastener clip.



3. Connect one end of Car Charger cable to the USB Input port on the topside of Mirror Dash Camera. Plug the other end of the Car Charger cable to the Cigarette Lighter Receptacle in the vehicle. Run the cable along your vehicles console.
4. Connect the GPS module to the dash cam, tear off the sticker of GPS module and place it on the car dashboard.





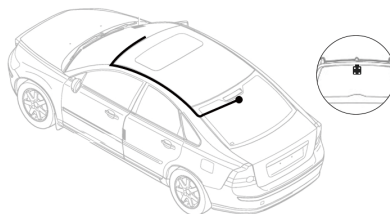
Rear Camera Installation

The rear camera equipped with a 6-meter cable is to connect to the dash-cam via AV IN port. Before installation, please check if the provided cable is long enough to reach the rear cam in your car.

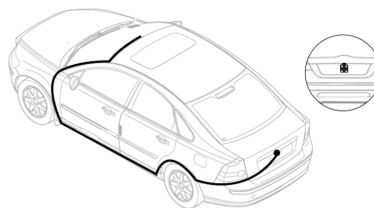
1. There are two locations for mounting the rear camera: rear windshield / above the number plate.

Position 1: Install the rear camera on the rear windshield.

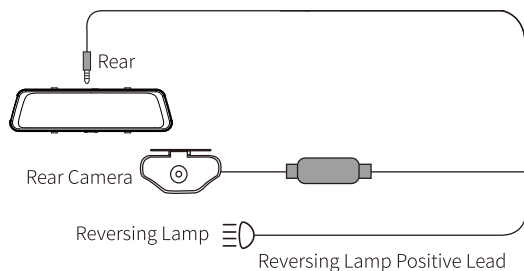
Position 1 is designed for live stream rear review only, not for reversing guide.



Position 2 (Recommended): Install the rear camera near the license plate. Feed the camera wire through to the interior of the vehicle either by drilling a new hole; or using the existing hole for the number plate light if possible. The two included screws and double-sided tape will hold the camera in place. The rear camera image is crisp and clear for both rear viewing and reversing guide.



To use the reversing function, install the rear camera in position 2, then connect the red cable of the rear camera extension cable to the anode of the car reversing lamp by using a test light or multimeter to determine which wire is positive.



2. Once all of the plugs are connected and power connections are made. Switch on the ignition. Shift the gear into reverse, and if all is wired correctly; the rear camera image will appear in your mirror.

Note

- ① Please clean the position to ensure the adhesive quality before install the rear camera.
- ② Please clean the rear windshield regularly to ensure the image quality if choose the position 1.
- ③ If choose the position 2, you can install the rear camera with the included adhesive sticker or screws.
- ④ Please fasten the screws to adjust the desired camera view angle.

» **GET STARTED**

Power On/Off

Option 1: Start the engine to automatically power on the Mirror Dash Camera; stop the engine to automatically power it off.

Option 2: Press once to turn on device; Press and hold 3 seconds to turn off device.

Screen On/Off

Simply press the Power Button once to switch the screen off (But can still recording) when the mirror dash cam is ON; Press it again or tap the touch screen to wake up the camera.

FORMATTING MEMORY CARD

1. Touch  to enter the Settings Menu.
2. Touch “System” and touch “Format”.
4. Touch “OK”.

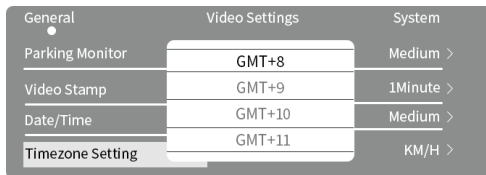
Note

1. Do not remove or insert Micro SD card when the camera is powered on which may damage the memory card.
2. Every time you insert a Micro SD card, please format it in the camera to ensure that the microSD card is compatible with the camera.

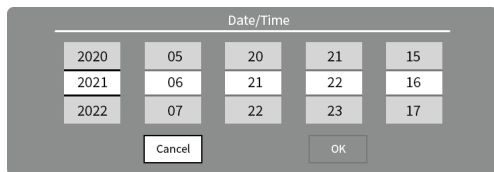
SETTING TIMEZONE AND DATE/TIME

① Please connect GPS module.

② Set the GMT value first.



③ Set the Date/Time: Year-Month-Day-Hour-Minute

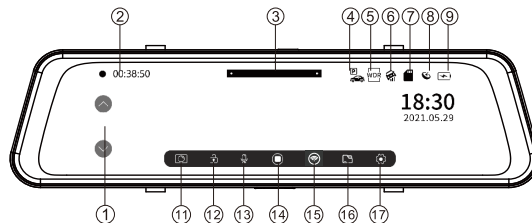


The dash camera will updated the date and time based on the GMT value selection automatically when it receives the GPS signal .

	British Winter Time	British Summer Time
UK Time Zones	GMT/UTC +1	GMT/UTC ±0

Go to <https://www.timeanddate.com/time/map/> to find out your Correct GMT (Greenwich Mean Time) value based on your location.

»» BUTTON FUNCTION



#	Description	Feature
1	Adjust View Angle	Tap to adjust view angle, can't work when dual camera display
2	Recording timer	Shows the elapsed recording time
3	Screen Brightness Control	Slide the brightness bar to increase or decrease the screen brightness
4	Parking Monitor	Shows the parking mode status
5	WDR	Shows the WDR status
6	G-sensor	Show the G-sensor status

7	MicroSDCard	Show the Micro SDCard status
8	GPS	Show the GPS status
9	Battery	Shows the status of Battery
10	Date/Time	Shows the date and time
11	PhotoShooting	Tap  to capture a photo and save it to the memory card
12	EmergencyLock	Tap  to manually lock the current video that is recording to make sure it will NOT be overwritten or deleted; Tap  to start recording again
13	Audio	Tap  to mute/unmute the microphone
14	Recording	Tap  to end & save the recording into the memory card
15	WiFi	Tap  to turn on WiFi Tap again, turn off wifi
16	Playback	Tap  to enter playback menu and check all videos or photos saved
17	System Setting	Tap  to enter system setting menu

» FUNCTION

General

Parking Monitor — On/Off(Default)

If connected to cigarette lighter to supply power, with "Parking Monitor" function enabled, dash cam automatically starts recording a video for around 60s and lock it when any collision/ impact detected. Dash cam uses its internal battery (500mAh) to detect any knock or bump so supports limited times of recording a 60-second video. This mode greatly saves energy and protects your car battery.

If you want to use 24-hours Parking Monitor please take refer to Page EN-14

G-sensor — Off/ High/ Medium(Default)/ Off

G-Sensor is a 3-axis impact gravitational accelerometer which is designed to detect physical and gravitational forces on the camera. While Video is Being Recorded: In the event when G-Sensor is triggered due to physical or gravitational impact force on the camera, the current loop cycle length of video file will be locked so it will NOT be deleted by loop cycle function.

Video Stamp — On(Default)/Off

This stamps menu allows you to choose your choice of stamps for the bottom of the video. Date & Time, speed, GPS Coordinates, AZDOME Logo and model.

Screen Saver — 1(Default)/3/5 minutes/ Off

1/3/5 minutes: The dash cam LCD screen will turn off after 1/3/5 minutes, but still recording.

Off: The dash cam LCD screen will always on.

Timezone

From GMT-12 to GMT+12 timezone.

Time/Date Setting

To set the date & time.

Button Sound — Off/ Low/ Medium(Default)/High

This feature allows you to turn ON/OFF camera button's beep sound & any voice confirmation.

Speed Unit — KM/H(Default)/MPH

You can choose desired speed option stamp to be displayed and recorded on video stamp based on your selection.

Frequency — 50HZ/ 60HZ(Default)

Here you should choose the frequency accordingly to your power supply specification used in your country based on your geographical location.

60 Hz (USA – North America)

50 Hz (Europe – Most Asian Countries)

Format Remind — Off/ 15days/ 30days(Default)/ 60days

This feature allows you to set a FORMAT REMINDER to format your memory card. Once set, the camera will remind you to format your memory card at a set interval.

Parking Guide Line — On(Default)/Off

On: The function is activated when the reverse gear is selected.

The camera image is shown on the dash cam screen with assistance line.

Off: The function is activated when the reverse gear is selected.

The camera image is shown on the dash cam screen but NO assistance line.

Rear Video Mirror — On(Default)/Off

On: The image on the dash cam screen matches that of your rear-view mirror.

Time Lapse Parking Mode — On/Off(Default)

This menu will be shown when ONLY connected to 3-lead hardwire kit.

Time Lapse Parking Mode ON: Dash cam will capture photos at 1 frame per 1s, and stitches them into a video which greatly optimizes the use of memory card.

How to set 24-hours Parking Mode

If you connect to AZDOME 3-lead hard wire kit, here are two 24-hours Parking Modes that you can select from:

1. When function “Parking Mode” ON / “Time Lapse Parking Mode” OFF: Dash cam will record unlimited times of a 60-seconds video then power off whenever detecting collision/impact.

This mode is ideal if you: Parked in a quiet area or want audio in all circumstances

- ① When you turn OFF the car’s engine. Then the camera will also power off.
 - ② Dash cam automatically starts recording a video for around 60s and lock it when any collision/impact detected
 - ③ When you start your car for the next time, the camera will power on and goes into normal video - Loop Recording Mode automatically.
2. When “Parking Mode” OFF / “Time Lapse Parking Mode” ON: Dash cam will capture photos at 1 frame per 1s, and stitches

them into a video which greatly optimizes the use of memory card.

This mode is ideal if you :

-Parked in a busy area with lots of vehicle and foot traffic (ie. mall parking lot)

-Want to have a quick overview of everything that happens around your parked car.

① When you turn OFF the car’s engine. Then the camera will STOP the Loop Recording and it will go into the Time Lapse Parking Mode automatically.

② While this Time Lapse Parking Mode is being recorded, If someone hits your car, then the camera will lock the video file, then saved in LOCK folder of Micro SD card > then go on Time Lapse Parking Mode recording.

③ When you start your car for the next time, the camera will automatically STOP the Time Lapse Parking Mode. Then it will go into normal video - Loop Recording Mode automatically.

NOTE:

-The Time Lapse Mode video files plays at faster speed and NO audio when playback.

-If function “Parking Mode” and “Time Lapse Parking Mode” are ON simultaneously, the Time Lapse Parking Mode will be the priority

Video Settings

Video Resolution — 1440(Default)/1080P30

Allow to choose the desired video resolution. Higher resolution and fps videos result in smoother videos, but also take more storage space.

Loop Recording — 1min/ 3mins(Default)/ 5mins

Allow the dash-cam to continuously record. Please notice: the dash-cam will keep deleting the oldest files automatically when memory card gets full so that it can keep recording over and over. Here select the length of video file for the loop recording.

WDR — On(Default)/Off

Wide Dynamic Range (WDR) improves the exposure by taking the combinations of over exposed and under exposed image into one robust wide range of lighting with higher depth image.

Time-lapse Record — On/Off(Default)

Time Lapse recording mode allows you to capture specific images per second at a much lower rate. So when you combine and play those images at the normal 30fps rate, everything seems to be moving faster in time lapse.

System

Language — Multilingual, default English.

Allow to choose your desired language for dash-cam system.

GPS Info

Show the satellite numbers, Date/Time, Longitude, Latitude, Speed, Direction.

WiFi

Default turn off WiFi. If turn on WiFi, it can connect AZDOME APP which download on APP and operation on AZDOME APP.

Format

This feature will allow you to format inserted memory card, all the data will be deleted.

We recommend that you format the memory card every 3 months to keep it clean for smooth operation.

Please note that memory cards have their self life span, after so many uses of writing data over and over, eventually they will become inoperable. When that happens, please replace your memory card.

your camera. You will need this information in the future to check if newer version of firmware is available.

Please visit: <http://www.azdome.hk/downloads.html> for latest firmware upgrade instructions.

Reset Settings

Here you can restore all the settings to factory default settings.

Version

Here you can check the current firmware version installed on

» PLAYBACK RECORDED VIDEOS

There are 2 different way you can access your videos.

A. On Dash Camera

Tap  to enter Playback Menu, you will see six folders.



Front emergency video : emergency videos recorded captured by front camera but can't be overwritten

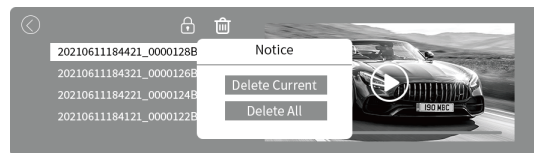
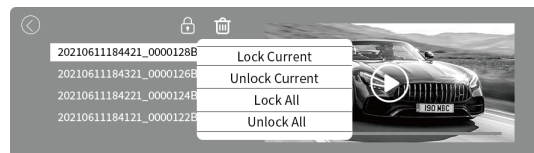
Rear emergency video : emergency videos recorded captured by rear camera but can't be overwritten

Front normal video : videos recorded captured by front camera

Rear normal video : videos recorded captured by rear camera

Front photo : photos captured by front camera

Rear photo : photos captured by rear camera



Tips

1. Tap  to return to the previous interface
2. Tap  to play/pause the video file.
3. Tap  to manually lock/unlock the current video that is recording to make sure it will or NOT being overwritten or deleted. recording to make sure it will or NOT being overwritten or deleted.
4. Tap  to delete the selected file or ALL files.

B. On Computer

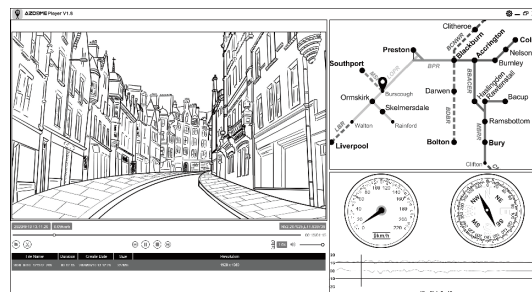
The screenshot shows the Windows File Explorer interface. The left sidebar has 'This PC' selected. The main pane shows 'Folders (6)' and 'Devices and drives (2)'. Under 'Devices and drives (2)', 'Local Disk (C:)' is highlighted. A callout box shows 'Local Disk (C:)' with a progress bar indicating '75.5 GB free of 393.3 GB'. An arrow points from this callout to a box labeled 'LOCK' containing 'Photo' and 'Video'. Another arrow points from this box to a table listing files in the 'LOCK' folder.

202505261210_000000000.AVR	2025/05/26 14:36	MRI - MP00-4...	572 KB
202505261407_000000000.AVR	2025/05/26 14:36	MRI - MP07-4...	777 KB
202505261408_000000000.AVR	2025/05/26 14:36	MRI - MP00-4...	604 KB
202505261409_000000000.AVR	2025/05/26 14:38	MRI - MP00-4...	517 KB
202505261410_000000000.AVR	2025/05/26 14:35	MRI - MP00-4...	580 KB
202505261411_000000000.AVR	2025/05/26 14:36	MRI - MP07-4...	568 KB

File named *****B=videos or photo captured by rear camera

•» GPS PLAYER SOFTWARE INSTALLATION (PC/MAC ONLY)

- AZDOME Tech Support: service@azdome.hk



•» FAQ

Q1:Why the rear cam image is converse on the screen?

According to your habit, please use the function called “Backup Cam Mirror Image” .

Q2:Poor image quality of rear cam

The most likely cause is simply a dirty lens. Since many cameras are mounted low on the back of the car, they're subject to being obscured by mud, snow, dirt or other debris. Luckily, the fix is easy: Clean the lens with a soft cloth (to prevent scratching the lens).

If still doesn't work, please e-mail to service@azdome.hk with order number.

Q3:Dash cam will be hot

Yep! A dash cam of this caliber is a pretty high-tech piece of equipment. When you think about it from an engineering perspective, capturing high quality full HD video takes a large amount of computer processing power. Heat is the by-product of all that data processing that is going on.

But not to worry.The case of the Dash cam itself is actually used as a heat-sink (notice the nice vents), so that's why you may notice it is warm or hot to the touch. Don't worry, this is normal,

and your AZDOME is operatin as desi ned.

Q4:My Video playback on PC is lagging.

You are viewing high-bit rate version of video files. General computer configuration may have problem with faster data processing. Please record videos at lower resolution and try again. Contact us if problem still exists.

Q5:Why dash cam can't get the GPS signal?

- 1.Depending on the vehicle and the location of the GPS signal can be blocked due to strong radio interference of other electronic devices in the car, the cloudy/rainy weather or mountains, tunnels, tall buildings on both sides of road etc.
- 2.Please check if GPS works by taking the GPS Module from the car to outside. If it works then there must be a heavy interference in the car, for example thick car Explosion-proof membrane, metal item and etc.

•» DISCLAIMER

AZDOME Streaming Mirror Dash Camera is designed to be use as a driver' s assistant, it dose NOT remove the responsibility of driving the vehicle from the driver. The legal responsibility and safe driving practice always remains with the driver.

You agree to use this product and understand that this is to be used as aid only. We highly recommend that you have this product professionally installed to ensure that it will provide the function it is set out to perform. In case of you change your mind or return of this product, company is NOT responsible in anyway for the holes or installation modifications made to your vehicle.

•» WARNINGS

- Do not expose this product to rain, moisture or water under any circumstances or it will result in external or internal damage.
- Do not put the unit in a damp environment. This device is not designed to be damp proof.
- Do not try to open the cover or try to repair it yourself. If the accessories for this device have any problem, please contact the seller for assistance.
- Do not expose this device to an excessive heat, dust or use any chemical substance or cleaning solvent to clean this device.
- Do not operate or install the camera while driving, or attempt to change any setting etc. Pull off the road first and only do so when it is safe.
- Do not drop, puncture or disassemble this product or dispose it on fire. It contains Battery and can explode if improperly

handled.

- Do not use the charger if the cord is broken or damaged. Keep out of reach of children.
- Do not leave the camera in the direct sunlight for a long period of time or where temperature could go above 140°F (60°C).
- Removing the camera from the vehicle when not in use is recommended. This prevents likelihood of theft or exposure to excessive heat to prevent damage to unit.



Uživatelský manuál

AR09



AZDOME

Enjoy Your Smart Driving

Molimo Vas da pažljivo pročitate ovaj priručnik prije prve upotrebe.
Sačuvajte priručnik za buduću upotrebu.

Prikazane slike i ilustracije mogu se razlikovati ovisno o modelu uređaja.

JAMSTVO I PODRŠKA KORISNICIMA

Za sva pitanja, podršku ili pritužbe, kontaktirajte nas na info@azdome.hk. Bili bismo vam zahvalni ako nam možete dostaviti fotografije ili videozapise koji prikazuju vaš problem.

OBAVIJEST

Prije upotrebe pročitajte upozorenja i sigurnosne upute.

1. Provjerite je li kamera uvijek spojena na napajanje jer unutarnja baterija kamere NIJE dizajnirana da traje dulje od 3-5 minuta, ovisno o odabranoj razlučivosti videa.

2. Prije početka snimanja morate umetnuti memorijsku karticu.

Umetnite samo Micro-SD karticu marke s brzinom klase 10 ili više.

3. Prije prve upotrebe MORATE formatirati memorijsku karticu u fotoaparatu kako biste spriječili moguće pogreške i osigurali nesmetan rad.
promet.

4. Postavke datuma i vremena: Postavite ispravan datum i vrijeme, pogledajte stranicu 14.

Tehnički podaci

Model	AR09
Mikrofon/Zvučnik	Ugrađeno
Format fotografije	JPG
Video format	MP4
Razlučivost videa	Prednja strana: 1440 piksela, 1080 piksela; Stražnja strana: 1080 piksela
Memorijska kartica	Micro-SD, klase 10 ili više
Napajanje	5V/3A
Radna vlažnost	10 – 70%
Baterija	500 mAh, litijeva
Wi-Fi	Da, AZDOME aplikacija
GPS	Podržava, potreban je GPS modul
Snimanje u petlji	Podrška
Detekcija pokreta	Ne
Monitor za parkiranje	Potrebna je ugradnja potpora, kompleta

Sadržaj paketa



prednja kamera



držač stražnje kamere • ljepljivi držači kabela
i kabel od 6 m



montažna poluga



antirefleksni film



upute



tkanina



Komplet za čišćenje



• kabel za napajanje 340 cm



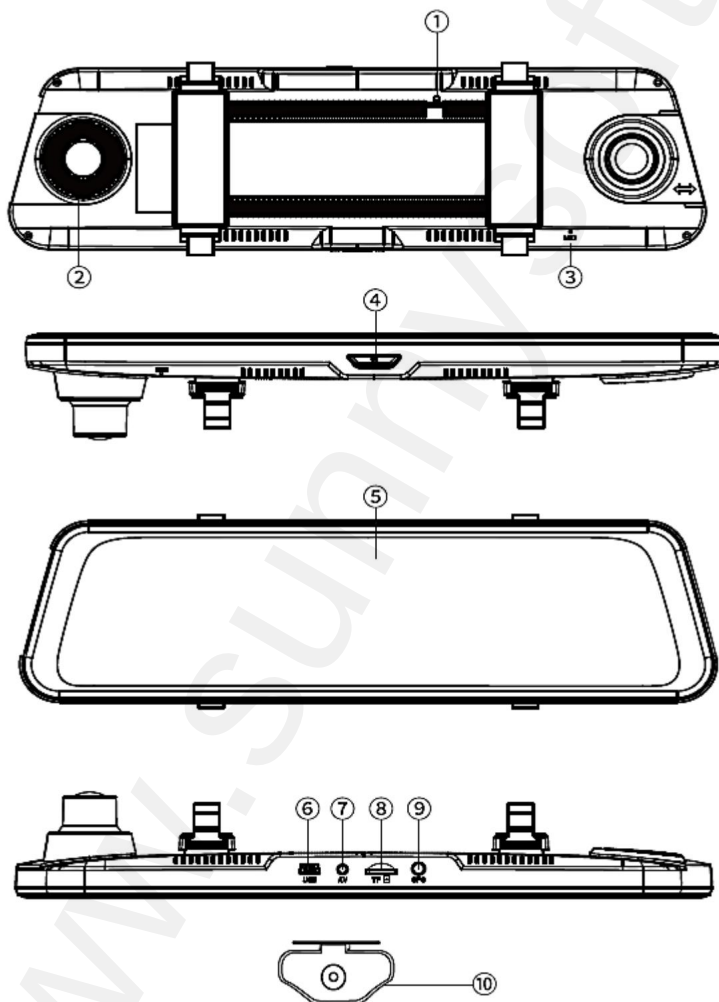
2 seta gumica

Napomena: Radi poboljšanja performansi proizvoda, sadržaj ovog priručnika podložen je promjenama bez prethodne najave.

Dijagram proizvoda

1	Resetiraj	Umetnite iglu u otvor 'RESET' za ponovno pokretanje kada uređaj ne reagira
2	zvučnika Ugrađeni zvučnik	
3	Mikrofon	Snimanje zvuka
4	Gumb za napajanje	- Jedan pritisak za uključivanje uređaja - Pritisnite i držite 3 sekunde za isključivanje uređaja - Kratki pritisak za uključivanje/isključivanje zaslona tijekom snimanja
5	Zaslon	Zaslon osjetljiv na dodir
6	MiniUSB priključak	Spajanje na MINI USB kabel i punjenje baterije
7	AV-ulaz	Spajanje sa stražnjom kamerom

8	utor za mikro SD karticu	Podržava Micro SD, klasu 10 ili više, U3 velike brzine
9	GPS	Provjera rute prilikom reprodukcije videa putem AZDOME Playera
10	Stražnja kamera snima	stražnji dio vozila



Montaža

Instaliranje Micro SD kartice

1. Provjerite je li kamera u automobilu isključena.
2. Umetnite Micro-SD karticu do pola (ZLATNI kontakti - prema stražnjoj strani) strana/leća).
3. Sada lagano gurnite karticu dok ne klikne i ne sjedne na mjesto.
4. Smiju se koristiti samo Micro-SD kartice robne marke klase 10, U3 ili veće brzine.

Uklanjanje Micro SD kartice

- Za vađenje Micro SD kartice, lagano gurnite njezin gornji rub prema unutra, dok ne klikne i ne iskoči, a zatim ga jednostavno izvucite iz utora.

VAŽNE INFORMACIJE O MEMORIJSKOJ KARTICI

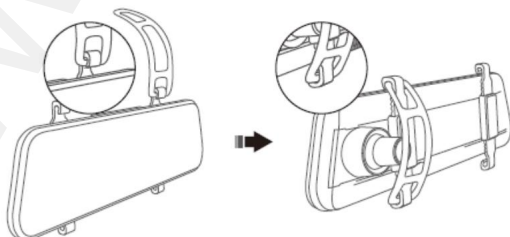
1. Nemojte vaditi ili umetati Micro SD karticu dok je kamera uključena, memorijska kartica bi mogla biti oštećena.
2. Kad god umetnete Micro SD karticu, formatirajte je u kameri kako biste osigurali Provjerite je li Micro SD kartica kompatibilna s kamerom.

Ugradnja prednje kamere

1. Ugasite motor vozila. Umetnite Micro SD karticu u utor za Micro SD karticu. kamere na vozilu.

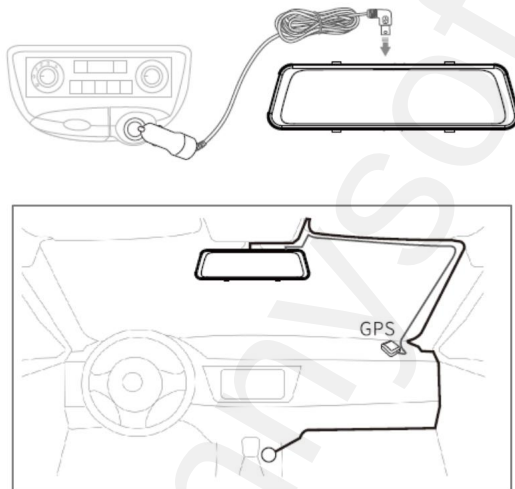
2. Postavite gumene nosače na gornje kopče za montažu (Postoje 2 vrste nosača; koristite onaj koji je prikladan za vaš automobil). Postavite kameru u retrovizoru na prednju stranu postojećeg retrovizora tako da leća kamere preklapa rub retrovizora.

Postavite donje gumene nosače na ogledalo i pričvrstite ih na donju kopču za montažu.



3. Spojite jedan kraj kabela za punjenje u automobilu na USB ulazni priključak na vrhu kamere za automobil u retrovizoru. Drugi kraj kabela za punjenje uključite u utičnicu za upaljač u vozilu. Provcute kabel duž konzole vozila.

4. Spojite GPS modul na kameru za automobil, uklonite naljepnicu GPS modula i postavite ga na armaturnu ploču vozila.



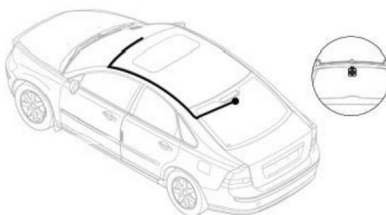
Ugradnja stražnje kamere

Opremljena 6-metarskim kabelom, stražnja kamera spaja se na kameru za automobil putem AV-ulaznog priključka. Prije instalacije provjerite je li isporučeni kabel dovoljno dug da dosegne stražnju kameru u vašem automobilu.

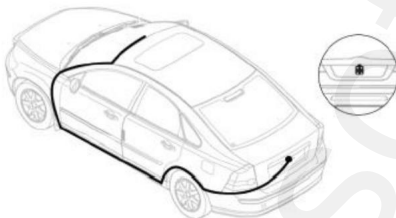
1. Stražnju kameru možete montirati na dva mjesta: stražnje staklo / iznad registracijska oznaka.

Položaj 1: Postavite stražnju kameru na stražnje staklo.

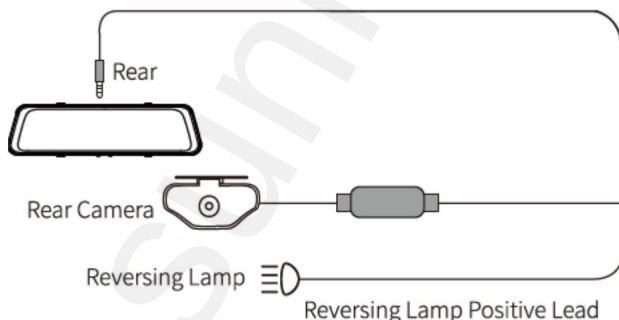
Položaj 1 je samo za prijenos uživo iz stražnjeg pogleda, ne za navođenje unatrag.



Položaj 2 (preporučeno): Postavite stražnju kameru blizu registarske pločice. Provucite kabel kamere u unutrašnjost vozila bušenjem nove rupe ili korištenjem postojeće rupe za svjetlo registarske pločice ako je moguće. Dva priložena vijka i dvostrana ljepljiva traka drže kameru na mjestu. Slika sa stražnje kamere je oštra i jasna, kako za nadzor straga, tako i za navođenje pri vožnji unatrag.



Za korištenje funkcije vožnje unatrag, ugradite stražnju kameru u položaj 2, a zatim spojite crvenu žicu produžnog kabela stražnje kamere na anodu svjetla za vožnju unatrag automobila pomoću ispitne lampice ili multimetra kako biste utvrdili koja je žica pozitivna.



Stražnji dio – stražnji dio

Stražnja kamera

Svjetlo za vožnju unatrag – stražnje svjetlo

Pozitivni vodič svjetla za vožnju unatrag

2. Nakon spajanja svih utikača i napajanja, uključite paljenje.

Uključite brzinu za vožnju unatrag i, ako je sve ispravno spojeno, slika sa stražnje kamere pojaviti će se u retrovizoru.

Bilješka:

1. Prije postavljanja stražnje kamere očistite odabrano mjesto kako biste osigurali kvalitetu ljepljenja.
2. Ako odaberete položaj 1, redovito čistite stražnje staklo kako biste osigurali kvalitetu slike.
3. Ako odaberete položaj 2, možete instalirati stražnju kameru pomoću pričvršćene naljepnice ili vijci.
4. Zategnite vijke kako biste kameru prilagodili željenom kutu gledanja.

Montaža

Uključivanje/isključivanje

Opcija 1: Pokrenite motor i kamera u retrovizoru će se uključiti. automatski se uključuje; zaustavljanje motora automatski će isključiti kameru.

Opcija 2: Pritisnite jednom za uključivanje uređaja; pritisnite i držite 3 sekunde da biste isključili uređaj.

Uključivanje/isključivanje zaslona

Jednostavno pritisnite gumb za uključivanje/isključivanje jednom da biste isključili zaslon (ali i dalje možete snimati) kada je kamera u automobilu uključena.

Ponovno pritisnite ili dodirnite zaslon osjetljiv na dodir kako biste probudili kameru.

FORMATIRANJE MEMORIJSKE KARTICE

1. Dodirnite za lazak u izbornik Postavke.
2. Dodirnite „Sustav“, a zatim dodirnite „Formatiranje“.
3. Dodirnite gumb „U redu“.

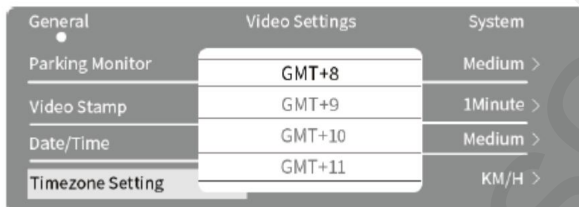
Bilješka:

1. Nemojte vaditi ili umetati Micro SD karticu dok je kamera uključena, memorijska kartica bi mogla biti oštećena.

2. Kad god umetnete Micro SD karticu, formatirajte je u kameri kako biste osigurali Provjerite je li Micro SD kartica kompatibilna s kamerom.

Postavljanje vremenske zone, datuma i vremena

1. Spojite GPS modul.
2. Prvo postavite GMT vrijednost.



General	Video Settings	System
Parking Monitor	GMT+8	Medium >
Video Stamp	GMT+9	1Minute >
Date/Time	GMT+10	Medium >
Timezone Setting	GMT+11	KM/H >

3. Postavite datum i vrijeme (godina – mjesec – dan – sat – minuta)



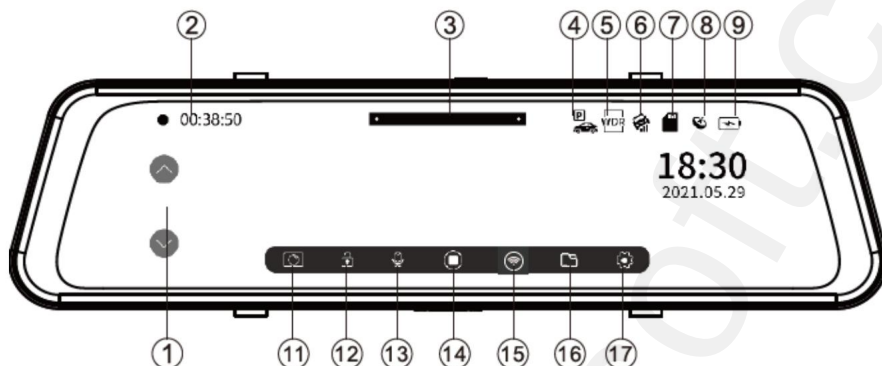
Date/Time				
2020	05	20	21	15
2021	06	21	22	16
2022	07	22	23	17

Cancel OK

Kamera u automobilu automatski ažurira datum i vrijeme na temelju GMT vrijednosti koju odaberete kada primi GPS signal.

Možete saznati na <https://www.timeanddate.com/time/map/> ispravnu GMT (Greenwich Mean Time) vrijednost prema vašoj lokaciji.

Funkcije tipki



1	Podesite kut gledanja	Dodirnite strelice gore/dolje za podešavanje kuta gledanja; ne radi kada gledate s dvostruke kamere.
2	Mjerač vremena snimanja	Prikazuje proteklo vrijeme snimanja.
3	Kontrola svjetline zaslona	Pomaknite traku svjetline za povećanje ili smanjenje svjetline zaslona.
4	Parkiralište monitor	Prikazuje status načina parkiranja.
5	Široki spektar	Prikazuje status WDR-a.
6	G-senzor	Prikazuje status G-senzora.
7	Mikro SD kartica kartica	Prikazuje status Micro-SD kartice.
8	GPS	Prikazuje status GPS-a.
9	Baterija	Prikazuje stanje baterije.
10	Datum/vrijeme	Prikazuje datum i vrijeme.
11	Snimanje fotografije	Dodirnite za snimanje fotografije i spremanje u memoriju.
12	Zaključavanje u nuždi	Kliknite simbol otvorenog lokota da biste zaključali trenutni videozapis tako da se ne može izbrisati ili prebrisati. Dodirnite simbol ponovno ćete početi snimati sa zatvorenim bravom.
13	Zvuk	Dodirnite mikrofonski simbol da biste ga uključili ili isključili.
14	Snimanje	Dodirnite za završetak snimanja i spremanje na memorijsku karticu.

15	Wi-Fi	Dodirnite za uključivanje Wi-Fi-ja, dodirnite ponovno za isključivanje.
16	Reprodukcija	Kliknite za ulazak u izbornik sa snimljenim videozapisima i fotografijama.
17	Postavke sustav	Ući ćete u postavke sustava.

Funkcija

Općenito

Nadzor parkiranja – Nadzor parkiranja - uključeno/isključeno (zadano)

Kada je funkcija „Monitor parkiranja“ uključena i spojena na upaljač za cigarete (napajanje), kamera za automobil automatski će početi snimati video oko 60 sekundi i zaključati se kada se detektira sudar/udar. Kamera za automobil koristi svoju unutarnju bateriju (500 mAh) za detekciju bilo kakvog udara ili potresa, tako da podržava ograničeno vrijeme snimanja videa od 60 sekundi. Ovaj način rada uvelike štedi energiju i štiti akumulator vašeg automobila.

Ako želite koristiti 24-satni nadzor parkiranja, pogledajte dolje.

G-senzor – G-senzor - Isključeno/ Visoko/ Srednje (zadano)/ Isključeno

G-senzor je troosni akcelerometar za mjerenje gravitacije i udara dizajniran za detekciju fizičkih i gravitacijskih sila koje djeluju na kameru. Tijekom snimanja videa: U slučaju da se G-senzor aktivira zbog fizičke ili gravitacijske sile udara na kameru, trenutna duljina ciklusa petlje video datoteke bit će zaključana tako da je NEĆE izbrisati funkcijom ciklusa petlje.

Video pečat – Video pečat Z- Uključeno (zadano) / Isključeno -

Ovaj izbornik oznaka omogućuje vam odabir oznaka na dnu videa.

Datum i vrijeme, brzina, GPS koordinate, AZDOME logotip i model.

Čuvar zaslona - 1 (zadano)/3/5 minuta/isključeno

1/3/5 minuta: LCD zaslon kamere za automobil će se isključiti nakon 1/3/5 minuta, ali i dalje snima.

Isključeno: LCD zaslon kamere za automobil uvijek će biti uključen.

Vremenska zona – Vremenska zona

Od vremenske zone GMT-12 do GMT+12.

Postavljanje vremena/datuma

Postavljanje datuma i vremena.

Zvuk tipki - Isključeno/Tiho/Srednje

(zadano)/Visoko

Ova funkcija omogućuje vam uključivanje/isključivanje zvuka gumba kamere i bilo koje glasovne potvrde.

Jedinica brzine - KM/H (zadano)/MPH

Na temelju vašeg odabira, možete odabrati željenu opciju oznake brzine koja će se prikazivati i snimati na video snimci.

Frekvencija - 50 Hz/60 Hz (zadano)

Ovdje biste trebali odabrati frekvenciju prema specifikaciji napajanja koje se koristi u vašu zemlju na temelju vašeg geografskog položaja.

60 Hz (SAD - Sjeverna Amerika)

50 Hz (Europa - većina azijskih zemalja)

Format podsjetnika - Isključeno/15 dana/30 dana (zadano)/60 dana

Ova funkcija omogućuje vam postavljanje PODSJETNIKA ZA FORMATIRANJE za formatiranje memorijske kartice. Nakon postavljanja, fotoaparat će vas podsjetiti da formatirate memorijsku karticu u postavljenom intervalu.

Parkirna linija – Parkirna linija uključena

(zadano)/Isključeno

Uključeno: Funkcija se aktivira kada se uključi brzina za vožnju unatrag.

Slika s kamere prikazuje se na zaslonu kamere u automobilu s linijom pomoći.

Isključeno: Funkcija se aktivira kada se uključi brzina za vožnju unatrag.

Slika kamere bit će prikazana na zaslonu kamere u automobilu, ali BEZ linije za pomoć.

Stražnji video retrovizor - Uključeno (zadano)/Isključeno

Uključeno: Slika na zaslonu kamere u automobilu odgovara slici u retrovizor.

Način parkiranja s ubrzanim snimanjem -
uključeno/isključeno (zadano)

Ovaj izbornik se pojavljuje SAMO kada je spojen na trožični set
čvrsto vodstvo.

UKLJUČEN način rada za snimanje parkiranja s ubrzanim prekidima: Kamera će
snimati fotografije brzinom od 1 sličice u sekundi i kombinirati ih u videozapis, što značajno
optimizira korištenje memorijske kartice.

Kako postaviti 24-satni način parkiranja

Ako se spojite na AZDOME trožilni komplet ožičenja, postoje
Na raspolaganju su vam dva načina parkiranja 24 sata dnevno:

1. S uključenim "Načinom parkiranja" / isključenim "Načinom parkiranja s
ubrzanim snimanjem": Kamera će snimati neograničen broj od 60 sekundi videa, a
zatim se isključiti kad god detektira sudar/udar.

Ovaj način rada je idealan ako:

- Parkirali ste u mirnom području ili želite imati zvuk za sve
okolnosti.

1) Kada ugasite motor vozila. Tada će se i kamera isključiti.

2) Kamera u automobilu će automatski početi snimati video u razdoblju od
otprilike 60 sekundi i zaključava se kada detektira bilo kakav sudar/udar.

3) Sljedeći put kada se vozilo pokrene, kamera će se uključiti i automatski
ući u normalan način snimanja videa - petlju.

2. Kada je "Način parkiranja" isključen / "Način parkiranja s ubrzanim
snimanjem" uključen: Kamera će snimati fotografije brzinom od 1 sličice u sekundi
i kombinirati ih u videozapis, što značajno optimizira korištenje memorijske kartice.

Ovaj način rada je idealan ako:

- Parkirali ste na prometnom mjestu s velikim prometom vozila i pješaka (npr. parkiralište kod trgovačkog centra).
- Želite imati brz pregled svega što se događa oko vašeg parkiranog automobila.

1) Kada ugasisite motor vozila, kamera PRESTAJE snimati u petlji i automatski ulazi u način rada parkiranja s ubrzanim snimanjem.

2) Ako je aktiviran ovaj način snimanja parkiranja s ubrzanim prekidom, ako netko udari u vaš automobil, kamera će zaključiti video datoteku, a zatim je spremiti u mapu LOCK na Micro SD kartici > zatim prijeći na snimanje u načinu snimanja parkiranja s ubrzanim prekidom.

3) Sljedeći put kada pokrenete vozilo, kamera će automatski zaustaviti način rada ubranog parkiranja. Zatim će se automatski prebaciti na normalni način videa - način snimanja u petlji.

Bilješka::

- Video datoteke u načinu rada s ubrzanim snimanjem reproduciraju se većom brzinom i tijekom reprodukcije se ne koristi zvuk.
- Ako su funkcije „Način parkiranja“ i „Ubrzano snimanje“ omogućene istovremeno Način parkiranja, Način parkiranja s ubrzanim prekidom imat će prednost.

Postavke videozapisa

Video rezolucija - 1440 (zadano)/1080P30

Omogućuje vam odabir željene rezolucije videa. Videozapisi s višim rezolucijama i većim brojem slika u sekundi rezultiraju glatkijim videozapisima, ali i zauzimaju više prostora za pohranu.

Petlja snimanja - 1 min/3 min (zadano)/5 min Omogućuje kameri kontinuirano snimanje. Napomena: Kamera će automatski izbrisati najstarije datoteke kada se memorijska kartica napuni kako bi mogla kontinuirano snimati. Ovdje odaberite duljinu video datoteke za petlju snimanja.

Široki spektar - Uključeno (zadano)/Isključeno (onemogućeno)

Široki dinamički raspon (WDR) poboljšava ekspoziciju kombiniranjem preekspoziranih i nedovoljno ekspoziranih slika u jedan robusni široki raspon osvjjetljenja s većom dubinom polja.

Ubrzano snimanje - uključeno/isključeno (zadano)

Time-lapse način rada omogućuje vam snimanje određenih kadrova u sekundi puno nižom brzinom, pa kada kombinirate te kadrove i reproducirate ih uobičajenih 30 kadrova u sekundi, čini se da se sve u time-lapse snimci kreće brže.

Sustav

Jezik – Višejezični, zadani engleski.

Omogućuje vam odabir željenog jezika za sustav kamere u automobilu.

GPS informacije – GPS informacije

Prikazuje brojeve satelita, datum/vrijeme, zemljopisnu dužinu, širinu, brzinu, smjer.

Wi-Fi

Prema zadanim postavkama, WiFi je isključen. Ako uključite WiFi, može se povezati s aplikacijom AZDOME, koja će se preuzeti u aplikaciju, a kamera će tada raditi u aplikaciji AZDOME.

Format – Format

Ova funkcija omogućuje formatiranje umetnute memorijske kartice, svih podaci će biti izbrisani.

Preporučujemo formatiranje memorijske kartice svaka 3 mjeseca kako bi ostala čista i nesmetano radila.

Imajte na umu da memorijske kartice imaju svoj vijek trajanja. Nakon mnogo korištenja tijekom kojih se na njih stalno zapisuju podaci, one će s vremenom postati neupotrebjljive. Kada se to dogodi, zamijenite memorijsku karticu.

Poništi postavke – Resetiraj postavke

Ovdje možete vratiti sve postavke na tvorničke postavke.

Verzija

Ovdje možete provjeriti trenutnu verziju firmvera instaliranu na vašem fotoaparatu. Ove će vam informacije trebati u budućnosti kako biste provjerili je li dostupna novija verzija firmvera.

Za najnovije upute za ažuriranje firmvera posjetite: <http://www.azdome.hk/downloads.html>.

Reprodukcija snimljenih videozapisa

Postoje dvije mogućnosti za reprodukciju snimljenog videa.

1. Na kameri za automobil

Kliknite na simbol mape



za ulazak u izbornik reprodukcije



Prikazat će se 6 mapa.

Prednji video u hitnim slučajevima: videozapisi u hitnim slučajevima snimljeni prednjom kamerom, ali se ne mogu prebrisati.

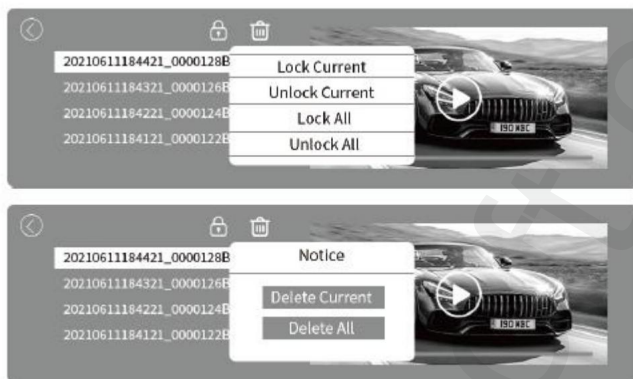
Videozapis u nuždi straga: videozapisi u nuždi snimljeni stražnjom kamerom, ali se ne mogu prebrisati.

Prednji normalni video: videozapisi snimljeni prednjom kamerom.

Stražnji normalni video: videozapisi snimljeni stražnjim vozilom fotoaparata.

Prednja fotografija: fotografija snimljena prednjom kamerom.

Stražnja fotografija: fotografija snimljena stražnjom kamerom.



Savjeti:

1. Dodirnite 2. vratit ćete se na prethodno sučelje
- Dodirnite 3. reprodukcija/pauziranje video datoteke.

Dodirnite za ručno zaključavanje/otključavanje trenutno snimljenog videozapisa kako biste osigurali da NEĆE biti prebrisan ili izbrisan.

4. Dodirnite za brisanje odabrane datoteke ili SVIH datoteka.

Bilješka:

Mapa s fotografijama ne može se zaključati.

2. Na računalu 1.

Izvadite Micro SD karticu iz kamere i umetnite je izravno u prijenosno računalo ako imate utor za Micro SD karticu (u suprotnom upotrijebite čitač Micro SD kartica).

2. Trebali biste vidjeti pogon pod nazivom "D" ili "E" ili drugim nazivom, ovisno o unaprijed instaliranim tvrdim diskovima. Nakon što pronađete dodani USB pogon, dvaput kliknite na njega i vidjet ćete mape datoteka -

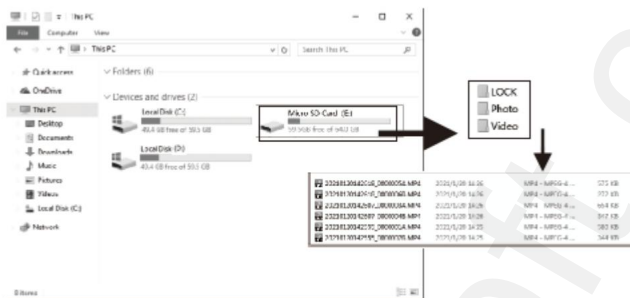
Film/ZAKLJUČANO/Fotografija

Film: Video datoteke u petlji koje se mogu prebrisati.

ZAKLJUČANO: Video datoteka koja je zaključana tako da je funkcija snimanja u petlji NE MOŽE izbrisati.

Fotografija: Koristi se za prijenos fotografija.

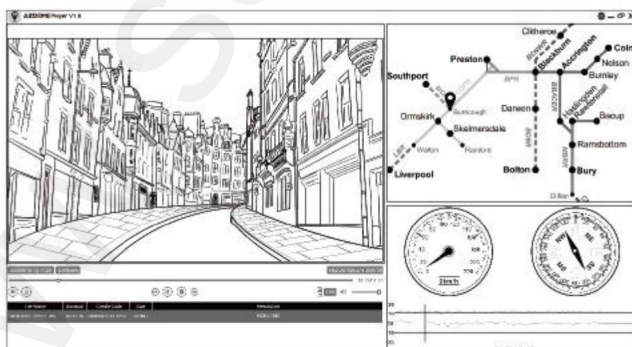
3. Zatim jednostavno dvaput kliknite na videozapis da biste ga reproducirali.



Datoteke koje završavaju slovom A snimljene su prednjom kamerom.
Nazivi datoteka koji završavaju slovom B snimljeni su stražnjom kamerom.

Instaliranje softvera za reprodukciju GPS podataka (samo za PC/MAC)

1. Posjetite našu web stranicu www.azdome.hk/downloads i preuzmite AZDOME Player (za Windows 32-bitne/64-bitne verzije ili macOS).
 2. Instalirajte AZDOME Player na svoje prijenosno računalo, pogledajte fotografije u nastavku.
 3. Reproducirajte video datoteke pomoću AZDOME Playera, vidjet ćete rutu automobila na Google karti.
- AZDOME tehnička podrška: service@azdome.hk



Pitanja i odgovori

Pitanje 1: Zašto je slika sa stražnje kamere na zaslonu naopako?

Prema svojoj navici, koristite funkciju pod nazivom "Zrcalna slika s rezervne kamere".

Pitanje 2: Loša kvaliteta slike stražnje kamere

Najvjerojatniji uzrok je jednostavno prljava leća.

Budući da su mnoge kamere postavljene nisko na stražnjem dijelu automobila, podložne su zaprljanju blatom, snijegom, prljavštinom ili drugim krhotinama.

Srećom, popravak je jednostavan: očistite leću mekom krpom (kako biste izbjegli ogrebotine na leći).

Ako i dalje ne radi, pošaljite e-poštu na service@azdome.hk.

Pitanje 3: Kamera u automobilu se pregrijava

Da! Kamera za automobil ovog kalibra je prilično vrhunski uređaj.

Kada razmislite o tome s tehničke perspektive, snimanje visokokvalitetnog Full HD videa zahtijeva puno računalne procesorske snage. Toplina je nusprodukt sve obrade podataka koja se odvija.

Ali ne brinite. Kućište kamere za automobil zapravo se koristi kao hladnjak (imajte na umu lijepe otvore za ventilaciju), pa možete primijetiti da je toplo ili vruće na dodir. Ne brinite, to je normalno i vaš AZDOME uređaj radi kako treba.

Pitanje 4: Reprodukcijski video na mom računalu kasni.

Gledate verziju video datoteka s visokom brzinom prijenosa. Opća konfiguracija vašeg računala može imati problema s bržom obradom podataka.

Molimo vas da prenesete videozapise u nižu rezoluciju i pokušate ponovno. Ako se problem nastavi, molimo vas da nas kontaktirate.

Pitanje 5: Zašto kamera u automobilu ne može uhvatiti GPS signal?

1. Ovisno o vozilu i lokaciji, GPS signal može biti blokiran zbog jakih radiovalova, smetnje od drugih elektroničkih uređaja u vozilu,

oblačno/kišovito vrijeme ili planine, tuneli, visoke zgrade s obje strane ceste itd.

2. Provjerite radi li GPS tako da izvadite GPS modul iz automobila.

Ako radi, onda u automobilu mora biti jakih smetnji, na primjer, jaka membrana od eksplozije automobila, metalni predmet itd.

IZJAVA

AZDOME Streaming Mirror kamera za automobil namijenjena je korištenju kao pomoć vozaču, NE preuzima odgovornost za upravljanje vozilom od vozača.

Pravna odgovornost i načela sigurne vožnje uvijek ostaju na vozaču.

Slažete se koristiti ovaj proizvod i razumijete da je namijenjen isključivo kao pomoćno sredstvo. Preporučujemo da ovaj proizvod profesionalno instalira kako biste osigurali da ispunjava svoju namjenu. U slučaju da se predomislite o kupnji ovog proizvoda ili ga vratite, tvrtka NIJE odgovorna za bilo kakve rupe ili preinake ugradnje napravljene na vašem vozilu.

OBAVIJEST

- Ni pod kojim uvjetima ovaj proizvod ne smije biti izložen kiši, vlazi ili voda, inače će se oštetiti izvana ili iznutra.

- Ne stavljajte uređaj u vlažno okruženje. Ovaj uređaj nije dizajniran da bude otporan na vlagu.

- Ne pokušavajte sami otvoriti poklopac ili ga popraviti.

Ako se pojavi bilo kakav problem s priborom ovog uređaja, obratite se svom prodavaču za pomoć.

- Ne izlažite ovaj uređaj prekomjernoj toplini, prašini niti koristite kemikalije ili otopine za čišćenje za njegovo čišćenje.

- Nemojte koristiti ili instalirati kameru tijekom vožnje, niti pokušavati mijenjati bilo kakve postavke itd. Prvo se zaustavite s ceste i učinite to tek kada je to sigurno.

- Ne ispuštajte, ne bušite, ne rastavljajte niti ne bacajte ovaj proizvod u vatru. Sadrži bateriju i može eksplodirati ako se s njim nepravilno rukuje.

- Ne koristite punjač ako je kabel slomljen ili oštećen.

Čuvati izvan dohvata djece.

- Ne ostavljajte kameru na izravnoj sunčevoj svjetlosti dulje vrijeme ili na mjestima gdje temperatura može prijeći 60°C (140°F).

- Ako ne koristite kameru, preporučujemo da je uklonite iz vozila.

To će spriječiti vjerojatnost krađe ili izlaganja prekomjernoj toplini kako bi se spriječilo oštećenje uređaja.

Distributer

Sunnysoft d.o.o.

Kovanečka 2390/1a

190 00 Prag 9

Češka

www.sunnysoft.cz